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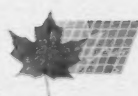
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THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIP) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIP), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:

	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :

	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,792,617

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,792,617

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After December 29, 2015

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1782*
For each additional sheet over 30	\$20
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 décembre 2015

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1782 \$*
Pour chaque feuille au delà de 30	20 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Preliminary Examination

5. Handling fee (Rule 57.2(a))	\$268
6. Preliminary examination fee (Rule 58)	\$800

Examen préliminaire

5. Taxe de traitement (Règle 57.2a))	268 \$
6. Taxe d'examen préliminaire (Règle 58)	800 \$

* International fees will be reduced by:

- \$135 for all applications filed using PCT-EASY,
- \$268 for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- \$402 for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- 135 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 268 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- 402 \$ pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Notices

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business; on which ordinary mail is not delivered in the locality in which such Office or organization is situated; which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles; où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé; qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

Avis

- 1) **Alberta**: 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia**: 1st Monday in August (British Columbia Day)
- 3) **New Brunswick**: 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia**: 1st Monday in August (Civic Holiday)
- 5) **Ontario**: 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
- 6) **Quebec**: June 24 (St. John the Baptist Day)
- 7) **Saskatchewan**: 1st Monday in August (Saskatchewan Day)
- 8) **Yukon**: 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

- 1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
- 5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
- 6) **Québec** : 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.

Notices

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15(c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets* et de la *Loi sur les marques de commerce*.

Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
2. Industry Canada
Sun Life Building
1155 Metcalfe Street, Room 950
Montreal QC H3B 2V6
Tel.: 514-496-1797
Toll-free: 1 888 237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
2. Industrie Canada
Édifice Sun Life
1155, rue Metcalfe, bureau 950
Montréal (Québec) H3B 2V6
Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
3. Industrie Canada
151, rue Yonge, 4^e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIIC est ouvert au public à cette même date.

Avis

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered MailTM and XpresspostTM Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered MailTM and XpresspostTM services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered MailTM and XpresspostTM services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web site](#) or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^{MC} et Xpresspost^{MC} de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

Notices

national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquiescement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Avis

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition

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Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work](#);
- [application for registration of a copyright in a performer's performance, sound recording or a communication signal](#);
- [filing a grant of interest](#);
- [request for certificate of correction](#);
- [ordering copies in paper, or electronic form of a document](#); and
- [general correspondence relating to copyright](#).

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design](#);
- [ordering copies in paper, or electronic form of a document](#);
- [general correspondence relating to industrial designs](#); and
- [payment of industrial design maintenance fees](#).

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies](#).

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une œuvre](#);
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication](#);
- [dépôt d'une concession d'intérêt](#);
- [demande de certificat de correction](#);
- [commande de copies des documents papier ou électroniques](#) et
- [correspondance générale relative aux droits d'auteur](#).

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel](#);
- [commande de copies de documents papier ou électroniques](#);
- [correspondance générale relative aux dessins industriels](#); et
- [paiement des droits de maintien des dessins industriels](#).

Topographies de circuits intégrés

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés](#).

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
- ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Avis

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
- ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

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fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

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- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

Notices

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of August 9, 2016 contains applications open to public inspection from July 24, 2016 to July 30, 2016.

16. Demandes canadiennes mises à la disposition du public

La *Gazette du bureau des brevets* du 9 août 2016 contient les demandes disponibles au public pour consultation pour la période du 24 juillet 2016 au 30 juillet 2016.

Canadian Patents Issued

August 9, 2016

Brevets canadiens délivrés

9 août 2016

[11] 2,331,401

[13] C

[52] 117/31

[51] Int.Cl. C09J 7/02 (2006.01) A61F 13/56 (2006.01) C09J 153/02 (2006.01) C08L 53/00 (2006.01)

[25] EN

[54] HOT MELT PRESSURE SENSITIVE ADHESIVE COMPOSITION

[54] COMPOSITION ADHESIVE AUTOCOLLANTE THERMOFUSIBLE

[72] BEKER, HANS-ULRICH, DE

[72] REMMERS, PETER, DE

[73] H.B. FULLER COMPANY, US

[85] 2000-11-03

[86] 1999-06-10 (PCT/US1999/013217)

[87] (WO1999/066000)

[30] US (09/099,009) 1998-06-17

[11] 2,401,664

[13] C

[51] Int.Cl. G06F 17/00 (2006.01)

[25] EN

[54] CLICK BASED TRADING WITH INTUITIVE GRID DISPLAY OF MARKET DEPTH

[54] TRANSACTION DECLENCHEE PAR UN CLIC AVEC AFFICHAGE INTUITIF DE GRILLE DE PROFONDEUR DE MARCHE

[72] KEMP, GARY ALLAN, US

[72] SCHLUETTER, JENS-UWE, US

[72] BRUMFIELD, HARRIS, US

[73] TRADING TECHNOLOGIES INTERNATIONAL, INC., US

[85] 2002-08-28

[86] 2001-03-02 (PCT/US2001/006792)

[87] (WO2001/065403)

[30] US (60/186,322) 2000-03-02

[30] US (09/590,692) 2000-06-09

[11] 2,406,558

[13] C

[51] Int.Cl. A01N 65/22 (2009.01) A01N 65/28 (2009.01) A01N 65/44 (2009.01) A01N 25/02 (2006.01) A01N 59/16 (2006.01) A01N 59/20 (2006.01) A01P 1/00 (2006.01)

[25] EN

[54] ANTIMICROBIAL COMPOSITION FORMULATED WITH ESSENTIAL OILS

[54] COMPOSITION ANTIMICROBIENNE FORMULEE AVEC DES HUILES ESSENTIELLES

[72] DEATH, S. SAMUEL, CA

[72] DEATH, JOY, CA

[73] CLEANWELL, LLC, US

[85] 2002-10-22

[86] 2000-05-31 (PCT/CA2000/000647)

[87] (WO2001/084936)

[30] US (09/564,282) 2000-05-05

[11] 2,416,198

[13] C

[51] Int.Cl. H04L 9/32 (2006.01) G06T 1/00 (2006.01) H04N 1/32 (2006.01)

[25] FR

[54] IMAGE WATERMARKING DECODING AND PROCESSING SYSTEM

[54] PROCEDE ET SYSTEME DE DECODAGE DE TATOUAGE D'IMAGES

[72] BAUDRY, SEVERINE, FR

[72] NGUYEN, PHILIPPE, FR

[73] THALES, FR

[86] (2416198)

[87] (2416198)

[22] 2003-01-10

[30] FR (02 00615) 2002-01-11

[11] 2,433,532

[13] C

[51] Int.Cl. C12N 15/54 (2006.01) A01H 4/00 (2006.01) A01H 5/00 (2006.01) A01H 5/10 (2006.01) A23D 9/007 (2006.01) A61K 31/355 (2006.01) A61K 31/575 (2006.01) A61P 3/06 (2006.01) C07J 9/00 (2006.01) C12N 5/04 (2006.01) C12N 5/10 (2006.01) C12N 9/02 (2006.01) C12N 9/04 (2006.01) C12N 9/10 (2006.01) C12N 15/53 (2006.01) C12N 15/82 (2006.01) C12P 15/00 (2006.01) C12P 17/06 (2006.01) C12P 21/02 (2006.01) C12P 33/00 (2006.01)

[25] EN

[54] TRANSGENIC PLANTS CONTAINING ALTERED LEVELS OF STEROID COMPOUNDS

[54] PLANTES TRANSGENIQUES CONTENANT DES NIVEAUX MODIFIES DE COMPOSES STEROIDES

[72] KARUNANANDAA,

BALASULOJINI, US

[72] POST-BEITENMILLER, MARTHA, US

[72] VENKATRAMESH, MYLAVARAPU, US

[72] KISHORE, GANESH M., US

[72] THORNE, GREGORY M., US

[72] LEDEAUX, JOHN, US

[73] MONSANTO TECHNOLOGY LLC, US

[85] 2003-07-02

[86] 2002-01-04 (PCT/US2002/000255)

[87] (WO2002/061072)

[30] US (60/260,114) 2001-01-05

[30] US (09/885,723) 2001-06-20

**Canadian Patents Issued
August 9, 2016**

[11] 2,443,787
[13] C

[51] Int.Cl. G01V 3/12 (2006.01) E21B 17/00 (2006.01) G01V 3/10 (2006.01)
[25] EN
[54] **PROCESS AND ASSEMBLY FOR IDENTIFYING AND TRACKING ASSETS**
[54] **PROCEDE ET DISPOSITIF D'IDENTIFICATION ET DE REPERAGE D'EQUIPEMENTS**
[72] ZIEROLF, JOSEPH A., US
[73] MARATHON OIL COMPANY, US
[85] 2003-10-10
[86] 2002-04-26 (PCT/US2002/013302)
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[72] GJELSTENLI, OVE, NO
[72] REKKEDAL, PER, NO
[73] LINDE AKTIENGESellschaft, DE
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[54] **OSTOMY APPLIANCE**
[54] **APPAREIL DE STOMIE**
[72] CLINE, JOHN, US
[72] WEIG, BRET, US
[72] GREGORY, CHRISTOPHER, US
[72] BLUM, JOHN, US
[73] CONVATEC TECHNOLOGIES INC., US
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[30] US (60/943,322) 2007-06-12

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[25] EN
[54] **SALTS OF THE JANUS KINASE INHIBITOR (R)-3-(4-(7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)-1H-PYRAZOL-1-YL)-3-CYCLOPENTYLPROPANENITRILE**
[54] **SELS DE L'INHIBITEUR (R)-3-(4-(7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)-1H-PYRAZOL-1-YL)-3-CYCLOPENTYLPROPANENITRILE DE LA JANUS KINASE**
[72] LI, HUI-YIN, US
[72] RODGERS, JAMES D., US
[73] INCYTE HOLDINGS CORPORATION, US
[85] 2009-12-07
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[25] EN
[54] **SHOWER BASE APPARATUS**
[54] **BASE DE DOUCHE**
[72] KIK, PAUL S., SR., US
[72] KIK, PAUL S., JR., US
[72] WADAGA, JAMES A., US
[73] NOBLE COMPANY, US
[86] (2689796)
[87] (2689796)
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[30] US (12/652,224) 2010-01-05

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[25] EN
[54] **COMPOSITIONS SUITABLE FOR USE AS JOINT COMPOUNDS AND RELATED METHODS**
[54] **COMPOSITIONS APPROPRIEES POUR UTILISATION COMME COMPOSES DE JOINT ET PROCEDES APPARENTES**
[72] CIMAGLIO, SCOTT D., US
[72] BYERS, CHARLES D., US
[72] MILLER, CHARLES J., US
[73] UNITED STATES GYPSUM COMPANY, US
[85] 2009-12-08
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[13] C

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[54] **BANDED PAPERS, SMOKING ARTICLES AND METHODS**
[54] **PAPIERS RAYES, ARTICLES A FUMER ET PROCEDES ASSOCIES**
[72] LI, PING, US
[72] PHAN, TONY A., US
[72] RASOULI, FIROOZ, US
[72] SHERWOOD, TIMOTHY S., US
[72] GARG, RAJESH K., US
[72] YANG, SZU-SUNG, US
[72] BAREN, RANDALL E., US
[72] MISER, DONALD E., US
[72] ROSE, MARC W., US
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[73] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **METAP-2 INHIBITOR POLYMERSOMES FOR THERAPEUTIC ADMINISTRATION**
[54] **POLYMERSOMES INHIBITEURS DE METAP-2 DESTINES A L'ADMINISTRATION THERAPEUTIQUE**
[72] BENNY-RATSABY, OFRA, US
[72] FOLKMAN, JUDAH, US
[73] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2009-12-08
[86] 2008-06-26 (PCT/US2008/068367)
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[30] US (60/937,198) 2007-06-26
[30] US (61/054,595) 2008-05-20

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[13] C

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[25] EN
[54] **A FENCE POST ASSEMBLY**
[54] **ENSEMBLE POTEAU DE CLOTURE**
[72] OLSSON, ASHLEY DEAN, AU
[72] OLSSON, ASHLEY NORMAN, AU
[72] OLSSON, NATHANAEL DEAN, AU
[72] OLSSON, STAFFORD JAMES, AU
[72] OLSSON, KIERAN BLAKE, AU
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[73] OLSSON, STAFFORD JAMES, AU
[73] OLSSON, KIERAN BLAKE, AU
[85] 2009-12-14
[86] 2008-06-13 (PCT/AU2008/000857)
[87] (WO2008/154677)
[30] AU (2007903261) 2007-06-18
[30] AU (2008900150) 2008-01-12
[30] AU (2008901545) 2008-03-31

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[13] C

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[25] EN
[54] **SYNTHETIC REPETITIVE PROTEINS, THEIR PRODUCTION AND USE THEREOF**
[54] **PROTEINES SYNTHETIQUES REPETITIVES, LEUR FABRICATION ET UTILISATION**
[72] LIEBMAN, BURGHARD, DE
[72] FEHR, MARCUS, DE
[72] HUEMMERICH, DANIEL, DE
[73] BASF SE, DE
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[13] C

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[25] EN
[54] **INDUSTRIAL FABRIC WITH POROUS AND CONTROLLED PLASTICIZED SURFACE**
[54] **TISSU INDUSTRIEL AVEC UNE SURFACE PLASTIFIEE CONTROLEE ET POREUSE**
[72] OLSSON, LENNART, SE
[72] DAVENPORT, FRANCIS L., US
[73] ALBANY INTERNATIONAL CORP., US
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[87] (WO2008/157041)
[30] US (11/820,658) 2007-06-20

[11] **2,691,840**
[13] C

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[25] EN
[54] **THE USE OF MONOMYCOLYL GLYCEROL (MMG) AS AN ADJUVANT**
[54] **UTILISATION DU MONOMYCOLYL GLYCEROL (MMG) EN TANT QU'ADJUVANT**
[72] AGGER, ELSE, MARIE, DK
[72] ANDERSEN, CLAIRE, IT
[72] ANDERSEN, PETER, DK
[72] BERSRA, GURDYAL, GB
[72] MINIKIN, DAVID, GB
[73] STATENS SERUM INSTITUT, DK
[85] 2009-12-22
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[13] C

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[25] EN
[54] **LOTTERY TICKET AND METHOD FOR DETERMINING A PRIZE ASSOCIATED WITH THE LOTTERY TICKET**
[54] **BILLET DE LOTERIE ET FACON DE DETERMINER UN LOT ASSOCIE AUDIT BILLET**
[72] CONNOLLY, DAVID, CA
[72] CONNOLLY, BLAIR, CA
[73] CONNOLLY, DAVID, CA
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[54] **SIRTIUIN MODULATING IMIDAZOTHIAZOLE COMPOUNDS**
[54] **COMPOSES D'IMIDAZOTHIAZOLE MODULANT LES SIRTUINES**
[72] BEMIS, JEAN, US
[72] DISCH, JEREMY S., US
[72] JIROUSEK, MICHAEL, US
[72] LUNSMANN, WALTER JOSEPH, US
[72] NG, PUI YEE, US
[72] VU, CHI B., US
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[25] EN
[54] **WASTEWATER TREATMENT SYSTEM WITH SIMULTANEOUS SEPARATION OF PHOSPHORUS AND MANURE SOLIDS**
[54] **SYSTEME DE TRAITEMENT DES EAUX USEES AVEC SEPARATION SIMULTANEE DU PHOSPHORE ET DES SOLIDES DE FUMIER**
[72] VANOTTI, MATIAS B., US
[72] SZOGI, ARIEL A., US
[72] FETTERMAN, LEWIS M., US
[73] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US
[73] FETTERMAN, LEWIS M., US
[85] 2009-12-18
[86] 2008-06-19 (PCT/US2008/067453)
[87] (WO2008/157669)
[30] US (11/820,396) 2007-06-19

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[13] C

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[25] EN
[54] **METHODS AND COMPOSITIONS FOR STIMULATING NEUROGENESIS AND INHIBITING NEURONAL DEGENERATION USING ISOTHIAZOLOPYRIMIDINONES**
[54] **PROCEDES ET COMPOSITIONS POUR STIMULER LA NEUROGENESE ET INHIBER UNE DEGENERESCENCE NEURONALE A L'AIDE D'ISOTHIAZOLOPYRIMIDINONE S**
[72] KELLEHER-ANDERSSON, JUDITH, US
[73] NEURONASCENT, INC., US
[85] 2009-12-04
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[30] US (60/945,524) 2007-06-21

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[13] C

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[25] EN
[54] **METHOD FOR MANUFACTURING OF FUEL NOZZLE FLOATING COLLAR**
[54] **PROCEDE DE FABRICATION DE COLLIER FLOTTANT D'INJECTEUR DE CARBURANT**
[72] PATEL, BHAWAN B., CA
[72] MARKARIAN, LORIN, CA
[72] DESPRES, MELISSA, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[85] 2010-01-22
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[30] US (11/782,234) 2007-07-24

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[13] C

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[25] EN
[54] **PRESS FITTING FOR A PIPE, IN PARTICULAR, PLASTIC PIPE OR PLASTIC-METAL COMPOSITE PIPE**
[54] **RACCORD A PRESSER POUR UN TUBE, NOTAMMENT POUR UN TUBE PLASTIQUE OU TUYAU COMPOSITE CONSTITUE DE PLASTIQUE ET DE METAL**
[72] BOHL, MARCUS, DE
[72] KAUFMANN, BERND, DE
[72] KERN-EMMERICH, THOMAS, DE
[73] UPONOR INNOVATION AB, SE
[85] 2010-01-26
[86] 2008-06-04 (PCT/EP2008/056884)
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[30] DE (10 2007 035 933.2) 2007-07-31

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[13] C

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[25] FR
[54] **ROBOT FOR TOOLING A STRUCTURAL PART UNDER WATER**
[54] **ROBOT POUR USINER UNE PIECE DE STRUCTURE SOUS L'EAU**
[72] BEAUDRY, JULIEN, CA
[72] RICHARD, PIERRE-LUC, CA
[72] THUOT, DOMINIQUE, CA
[72] HAMELIN, PHILIPPE, CA
[72] BLAIN, MICHEL, CA
[73] HYDRO-QUEBEC, CA
[86] (2694883)
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[25] EN
[54] **JACKING SYSTEM**
[54] **SYSTEME DE LEVAGE**
[72] VAN NOOD, CORNELIS PIETER
AARTDRIANUS, NL
[72] COMMANDEUR, JOHAN ALBERT,
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[72] HOFMAN, JOHANNES ANDRIES,
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[73] GUSTOMSC RESOURCES B.V., NL
[85] 2010-01-29
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[30] EP (07113425.8) 2007-07-30

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[25] EN
[54] **8-AZABICYCLO[3.2.1]OCTYL-2-
HYDROXYBENZAMIDE
COMPOUNDS AS MU OPIOID
RECEPTOR ANTAGONISTS**
[54] **COMPOSES DE 8-
AZABICYCLO[3.2.1]OCTYL-2-
HYDROXYBENZAMIDE UTILISES
EN TANT QU'ANTAGONISTES DU
RECEPTEUR OPIOIDE MU**
[72] SAITO, DAISUKE ROLAND, US
[72] LONG, DANIEL D., US
[72] VAN DYKE, PRISCILLA, US
[72] CHURCH, TIMOTHY J., US
[72] JIANG, LAN, US
[72] FRIEMAN, BRYAN, US
[73] THERAVANCE BIOPHARMA R&D
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[85] 2010-02-05
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[30] US (60/966,364) 2007-08-27
[30] US (61/051,065) 2008-05-07

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[25] EN
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[54] **DESALINISATION PAR
INDUCTION A CONTRE-
COURANT RADIAL**
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[85] 2010-02-16
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[13] C

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F15D 1/02 (2006.01) F16L 55/24
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[25] EN
[54] **FLUID FLOW CONDUIT AND
METHOD DEFINING A SPIRAL
PATH**
[54] **CONDUIT D'ECOULEMENT DE
FLUIDE ET PROCEDE DE
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SPIRALE**
[72] OBREJANU, MARCEL., CA
[73] PREMIUM ARTIFICIAL LIFT
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[85] 2010-02-18
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[87] (WO2009/043152)
[30] US (11/906,311) 2007-10-01

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[13] C

[51] **Int.Cl. H04N 7/015 (2006.01)**
[25] EN
[54] **DIGITAL BROADCASTING
RECEIVER AND METHOD FOR
CONTROLLING THE SAME**
[54] **RECEPTEUR DE DIFFUSION
NUMERIQUE ET SON PROCEDE
DE COMMANDE**
[72] LEE, CHUL SOO, KR
[72] CHOI, IN HWAN, KR
[72] SONG, JAE HYUNG, KR
[72] HONG, SUNG RYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2010-02-23
[86] 2008-08-25 (PCT/KR2008/004975)
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[30] US (60/957,714) 2007-08-24
[30] US (60/974,084) 2007-09-21
[30] US (60/977,379) 2007-10-04
[30] US (61/044,504) 2008-04-13
[30] US (61/076,686) 2008-06-29
[30] KR (10-2008-0083037) 2008-08-25

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[13] C

[51] **Int.Cl. C02F 1/461 (2006.01) G01N
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[25] EN
[54] **PROTON CONCENTRATION
TOPOGRAPHIES, METHODS AND
DEVICES FOR PRODUCING THE
SAME**
[54] **TOPOGRAPHIES DE
CONCENTRATIONS DE
PROTONS, PROCEDES ET
DISPOSITIFS PERMETTANT DE
PRODUIRE LESDITES
TOPOGRAPHIES**
[72] SIVAN, URI, IL
[72] BROD, ELAD, IL
[73] TECHNION RESEARCH &
DEVELOPMENT FOUNDATION
LTD., IL
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[30] US (60/935,698) 2007-08-27
[30] US (61/039,257) 2008-03-25

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[13] C

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[25] EN
[54] **ELECTRICAL CONNECTOR**
[54] **CONNECTEUR ELECTRIQUE**
[72] JORDAN, PETER, GB
[73] ITT MANUFACTURING ENTERPRISES, INC., US
[86] (2697905)
[87] (2697905)
[22] 2010-03-26
[30] GB (0906297.7) 2009-04-14

[11] **2,698,126**
[13] C

[51] **Int.Cl. C22C 38/08 (2006.01) C23C 30/00 (2006.01)**
[25] FR
[54] **CRYSTALLOGRAPHICALLY TEXTURED METAL SUBSTRATE, CRYSTALLOGRAPHICALLY TEXTURED DEVICE, CELL AND PHOTOVOLTAIC MODULE INCLUDING SUCH DEVICE AND THIN LAYER DEPOSITION METHOD**
[54] **SUBSTRAT METALLIQUE TEXTURE CRISTALLOGRAPHIQUEMENT, DISPOSITIF TEXTURE CRISTALLOGRAPHIQUEMENT, CELLULE ET MODULE PHOTOVOLTAIQUE COMPRENANT UN TEL DISPOSITIF ET PROCEDE DE DEPOT DECOUCHES MINCES**
[72] REYAL, JEAN-PIERRE, FR
[72] REYDET, PIERRE-LOUIS, FR
[72] ROCA CABARROCAS, PERE, FR
[72] DJERIDANE, YASSINE, DZ
[73] ARCELORMITTAL - STAINLESS AND NICKEL ALLOYS, FR
[73] ECOLE POLYTECHNIQUE, FR
[85] 2010-02-26
[86] 2008-08-28 (PCT/FR2008/051542)
[87] (WO2009/030865)
[30] EP (07301336.9) 2007-08-31

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[13] C

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[25] EN
[54] **IMPROVED QUALITY ASSURANCE SYSTEM AND METHOD FOR POINT-OF-CARE TESTING**
[54] **SYSTEME D'ASSURANCE QUALITE AMELIORE ET PROCEDE DE TEST AU POINT D'INTERVENTION**
[72] ZELIN, MICHAEL P., US
[72] BROUWER, ERIC, CA
[72] BREEZE, STEVEN, CA
[73] ABBOTT POINT OF CARE INC., US
[85] 2010-03-11
[86] 2008-09-15 (PCT/US2008/076409)
[87] (WO2009/036429)
[30] US (60/972,158) 2007-09-13

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[13] C

[51] **Int.Cl. H04W 84/02 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR SENDING, ROUTING, AND RECEIVING INFORMATION USING CONCISE MESSAGES**
[54] **PROCEDE ET SYSTEME POUR ENVOYER, ACHEMINER ET RECEVOIR DES INFORMATIONS EN UTILISANT DES MESSAGES CONCSIS**
[72] GROMOLL, STEFAN, US
[72] LANZETTA, KENNETH M., US
[73] GROMOLL, STEFAN, US
[73] LANZETTA, KENNETH M., US
[85] 2010-03-12
[86] 2008-05-21 (PCT/US2008/064425)
[87] (WO2008/150713)
[30] US (60/939,296) 2007-05-21
[30] US (60/983,554) 2007-10-29

[11] **2,700,072**
[13] C

[51] **Int.Cl. A61K 9/06 (2006.01) A61K 31/573 (2006.01)**
[25] EN
[54] **STEROID CONTAINING DRUG DELIVERY SYSTEMS**
[54] **MECANISMES DE DISTRIBUTION DE MEDICAMENT RENFERMANT UN STEROIDE**
[72] EDELMAN, JEFFREY L., US
[72] HARRISON, KELLY M., US
[72] HUGHES, PATRICK M., US
[72] SPADA, LON T., US
[73] ALLERGAN, INC., US
[85] 2010-03-18
[86] 2008-09-18 (PCT/US2008/076837)
[87] (WO2009/039262)
[30] US (11/859,627) 2007-09-21

[11] **2,700,497**
[13] C

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[25] EN
[54] **DIESEL FUEL COMPOSITIONS COMPRISING LOW MOLECULAR WEIGHT-MANNICH PRODUCT ADDITIVES**
[54] **COMPOSITIONS DE CARBURANT DIESEL CONTENANT DES ADDITIFS A PRODUIT MANNICH A FAIBLE POIDS MOLECULAIRE**
[72] REID, JACQUELINE, GB
[73] INNOSPEC LIMITED, GB
[85] 2010-03-23
[86] 2008-09-25 (PCT/GB2008/050864)
[87] (WO2009/040582)
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[54] **CONDENSATEUR DE REFLUX**

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[72] POSSELT, DIETMAR, DE

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[72] HACKBORN, DIANNE K., US

[72] JOHANSSON, DANIEL, SE

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[54] **COMPOSES OPIOIDES SELECTIFS**

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[54] **METHODS, DEVICE AND SYSTEMS FOR DETERMINING ROUTE METRICS USING STORED ROUTE INFORMATION**

[54] **METHODE, DISPOSITIF ET SYSTEMES PERMETTANT DE DETERMINER UNE METRIQUE DE ROUTAGE EN UTILISANT DES RENSEIGNEMENTS DE ROUTAGE STOCKES**

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[72] DODDS, JACK, CA

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[54] **PROCEDE ET APPAREIL DE TRANSMISSION DE TRAME DE DONNEES DANS UN SYSTEME WLAN**

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[54] **SYSTEME D'ECRAN TACTILE AMELIORE ET PROCEDES DE NAVIGATION ET DE PROGRAMMATION POUR UNE POMPE D'INJECTION**

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[72] ARRIZZA, JOHN, US

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[54] **DISPOSITIF PERMETTANT DE VIDER UN SAC DE PRODUITS SANGUINS**

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[72] FABA VILELLA, MIQUEL, ES

[72] BOIRA BONHORA, JORDI, ES

[73] GRIFOLS, S.A., ES

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[54] **ASSOCIATIONS UTILES D'ANTIBIOTIQUES MONOBACTAMES ET D'INHIBITEURS DE LA BETA-LACTAMASE**

[72] DESARBRE, ERIC, FR

[72] GAUCHER, BERANGERE, FR

[72] PAGE, MALCOLM G.P., CH

[72] ROUSSEL, PATRICK, FR

[73] BASILEA PHARMACEUTICA AG, CH

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 [54] **SYSTEMS FOR MANAGING DRUG DELIVERY DEVICES**
 [54] **SYSTEMES DE GESTION DE DISPOSITIFS D'ADMINISTRATION DE MEDICAMENTS**
 [72] RUCHTI, TIMOTHY L., US
 [72] WEHBA, STEVEN R., US
 [72] THORNLEY, JOHN H., US
 [72] DHARWAD, HARSH, US
 [72] WATT, JOANNE M., US
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 [54] **PROCESS MIXING WATER, OXIDANT AND HEAVY OIL UNDER SUPERCRITICAL TEMPERATURE AND PRESSURE CONDITIONS AND EVENTUALLY SUBMITTING THE MIXTURE TO MICROWAVE TREATING**
 [54] **PROCEDE MELANGEANT DE L'EAU, UN OXYDANT ET DES HUILES LOURDES DANS DES CONDITIONS DE TEMPERATURE ET DE PRESSION SUPERCRITIQUES ET SOUMETTANT CE MELANGE A UN TRAITEMENT PAR MICRO-ONDES**
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 [73] SAUDI ARABIAN OIL COMPANY, SA
 [73] ARAMCO SERVICES COMPANY, US
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 [54] **MEDIUM VOLTAGE CABLE INSULATION**
 [54] **ISOLATION DE CABLE MOYENNE TENSION**
 [72] SENGUPTA, SAURAV S., US
 [72] PERSON, TIMOTHY J., US
 [72] COGEN, JEFFREY M., US
 [72] CARONIA, PAUL J., US
 [73] UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, US
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 [54] **COMPOSITIONS MINERALES A CHELATION ORGANIQUE ET PROCEDES ASSOCIES**
 [72] KNOCHENMUS, BRIAN JON, US
 [72] KNOCHENMUS, JON KENT, US
 [72] LAMB, RICHARD DALE, US
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 [54] **FUNCTIONAL ASSAY FOR 5-HT2A RECEPTOR, HISTAMINE H1 RECEPTOR OR ADRENERGIC ALPHA 1B RECEPTOR**
 [54] **RESEAU FONCTIONNEL POUR LE RECEPTEUR 5-HT2A, LE RECEPTEUR H1 HISTAMINE OU LE RECEPTEUR ALPHA 1B ADRENERGIQUE**
 [72] AHMAD, ISHITYAQUE, IN
 [72] MEKALA, REDDY VENKAT, IN
 [72] CHILLAKUR, REDDY MUDDUKRISHNA, IN
 [72] SUBRAMANIAM, RAMKUMAR, IN
 [72] RAVULA, JYOTHISNA, IN
 [72] PATNALA, SRIRAMACHANDRA MURTHY, IN
 [72] NIROGI, RAMAKRISHNA, IN
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 [73] SUVEN LIFE SCIENCES LIMITED, IN
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 [54] **CIVIERES ROULANTES MOTORISEES**
 [72] VALENTINO, NICHOLAS V., US
 [72] PALASTRO, MATTHEW, US
 [72] SHEN, ZHEN Y., US
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 [72] SCHROEDER, TIMOTHY PAUL, US
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[54] **RETROACTION DE CANAL FONDEE SUR SIGNAL DE REFERENCE**
[72] CHEN, WANSIH, US
[72] BHATTAD, KAPIL, US
[72] GAAL, PETER, US
[72] GOROKHOV, ALEXEI, YURIEVITCH, US
[72] MONTOJO, JUAN, US
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[54] **INDUCTION HEATING COIL, AND AN APPARATUS AND METHOD FOR MANUFACTURING A WORKED MEMBER**
[54] **BOBINE DE CHAUFFAGE PAR INDUCTION, APPAREIL ET METHODE DE FABRICATION D'UN ELEMENT MONTE**
[72] OKADA, NOBUHIRO, JP
[72] TOMIZAWA, ATSUSHI, JP
[72] SHIMADA, NAOKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **METHOD AND APPARATUS FOR GENERATING A REFERENCE SIGNAL SEQUENCE IN A WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DESTINES A GENERER UNE SEQUENCE DE SIGNAL DE REFERENCE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] KO, HYUN SOO, KR
[72] NOH, MIN SEOK, KR
[72] CHUNG, JAE HOON, KR
[72] HAN, SEUNG HEE, KR
[72] LEE, MOON IL, KR
[73] LG ELECTRONICS INC., KR
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[25] EN
[54] **EXPLICIT CONGESTION NOTIFICATION BASED RATE ADAPTATION USING BINARY MARKING IN COMMUNICATION SYSTEMS**
[54] **ADAPTATION DE DEBIT FONDEE SUR UNE NOTIFICATION EXPLICITE DE CONGESTION UTILISANT UN MARQUAGE BINAIRE DANS DES SYSTEMES DE COMMUNICATION**
[72] ZHAO, XIAOMING, US
[72] FURBECK, DAVID, US
[72] BURBIDGE, RICHARD CHARLES, GB
[73] BLACKBERRY LIMITED, CA
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[54] **POLYSILOXANES HAVING QUATERNARY AMMONIUM GROUPS, METHODS FOR PRODUCING SAME AND USE THEREOF IN FORMULATIONS FOR CLEANSING AND CARE**
[54] **POLYSILOXANES RENFERMANT DES GROUPES AMMONIACS QUATERNAIRES, METHODE DE PRODUCTION ASSOCIEE ET UTILISATION ASSOCIEE DANS LES FORMULES DE NETTOYAGE ET ENTRETIEN**
[72] HERRWERTH, SASCHA, DE
[72] HARTUNG, CHRISTIAN, DE
[72] WINTER, PATRICK, DE
[72] FERENZ, MICHAEL, DE
[72] HENNING, FRAUKE, DE
[73] EVONIK DEGUSSA GMBH, DE
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[54] **INDEXAGE DE RESSOURCES POUR SIGNAUX D'ACCUSE DE RECEPTION EN REPONSE A LA RECEPTION D'ATTRIBUTIONS MULTIPLES**
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[72] CHO, JOON-YOUNG, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **ADJUVANT POUR COMPOSITION HYDRAULIQUE**
[72] GEORGES, SEBASTIEN, FR
[72] VILLARD, EMMANUEL, FR
[72] MOSQUET, MARTIN, FR
[72] FAURE, EMMANUEL, FR
[73] LAFARGE, FR
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[54] **PRODUIT CARBONE POREUX ET PROCEDE DE FABRICATION CORRESPONDANT**
[72] NEUMANN, CHRISTIAN, DE
[73] HERAEUS QUARZGLAS GMBH & CO. KG, DE
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[54] **LOGEMENT POUR APPAREIL D'ECLAIRAGE ET SON INSTALLATION**
[72] ACAMPORA, KENNETH J., US
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[73] ABL IP HOLDING LLC, US
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[73] MESSIER-DOWTY LIMITED, GB
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[54] **METHOD FOR CONTROLLING A MACHINE OR AN ELECTRICAL LOAD SUPPLIED WITH ELECTRIC POWER OVER A LONG LINE**
[54] **PROCEDE POUR COMMANDER UNE MACHINE OU UNE CHARGE ELECTRIQUE ALIMENTEE EN ENERGIE ELECTRIQUE PAR UNE LIGNE DE GRANDE LONGUEUR**
[72] RONGVE, KNUF, NO
[73] ABB AS, NO
[85] 2012-08-08
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[54] **OUTIL MOTORISE**
[72] OBATAKE, TAKAYOSHI, JP
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[85] 2012-08-09
[86] 2011-02-09 (PCT/JP2011/052717)
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[72] CIGAL, BRIAN P., US
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[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL**
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[72] CHUNG, JAE HOON, KR
[72] HAN, SEUNG HEE, KR
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[72] DECOUX, LAURENT, FR
[72] ENAULT, ERIC, FR
[72] VERMALLE, NICOLAS, FR
[73] ISRAEL AEROSPACE INDUSTRIES LTD., IL
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[54] **UTILISATION DE COPOLYMERES ORGANIQUES COMME ADDITIFS DE REDUCTION DE FRICTION**
[72] THOMPSON, LEE, GB
[72] RANGLES, STEVEN JAMES, GB
[72] BOYDE, STEPHEN, GB
[72] GAMWELL, JOHN, GB
[72] READMAN, NICOLA, GB
[73] CRODA INTERNATIONAL PLC, GB
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[54] **GESTION DU CYCLE DE VIE DES PILES D'UN COMBINE A DEUX PILES**
[72] PLESTID, THOMAS LEONARD TREVOR, CA
[73] BLACKBERRY LIMITED, CA
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[87] (2791042)
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[54] **APPAREIL ELECTRONIQUE PORTATIF RECHARGEABLE PAR LE BIAIS D'AU MOINS UNE PRISE DE HAUT-PARLEUR**
[72] LEUNG, KWOK CHING, CA
[73] BLACKBERRY LIMITED, CA
[86] (2791308)
[87] (2791308)
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[25] EN
[54] **WHITE LIGHT EMITTING DIODE (LED) LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES BLANCHES**
[72] ZHANG, MING, CN
[72] ZHAO, KUN, CN
[72] LI, DONGMING, CN
[73] SICHUAN SUNFOR LIGHT CO., LTD., CN
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[25] EN
[54] **WHITE LIGHT EMITTING DIODE (LED) LIGHTING DEVICE DRIVEN BY PULSE CURRENT**
[54] **DISPOSITIF D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES BLANCHES COMMANDE PAR UN COURANT D'IMPULSION**
[72] ZHANG, MING, CN
[72] ZHAO, KUN, CN
[72] LI, DONGMING, CN
[73] SICHUAN SUNFOR LIGHT CO., LTD., CN
[85] 2012-09-05
[86] 2010-07-14 (PCT/CN2010/075145)
[87] (WO2011/109977)
[30] CN (201010123249.3) 2010-03-12
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[25] EN
[54] **METHOD OF WASTEWATER TREATMENT AND APPARATUS FOR ITS REALIZATION IN SEQUENCING BATCH REACTORS**
[54] **PROCEDE DE TRAITEMENT DES EAUX USEES ET APPAREIL PERMETTANT DE LE REALISER DANS DES REACTEURS BIOLOGIQUES SEQUENTIELS**
[72] TOPIOL, JAN, CZ
[73] TOPIOL, JAN, CZ
[85] 2012-09-10
[86] 2011-03-18 (PCT/CZ2011/000022)
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[25] EN

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[54] **FERMETURE DE BOUTEILLE AVEC POIGNEE SUPERIEURE BASCULANTE INTEGREE**

[72] MEYERS, DAVID O., US

[72] SORENSEN, STEVEN M., US

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[54] **UTILISATION D'ANATABINE POUR TRAITER L'INFLAMMATION ET PROCEDES DE SYNTHESE DE L'ANATABINE**

[72] WILLIAMS, JONNIE R., US

[72] PUTHIAPARAMPIL, TOM THOMAS, IN

[72] DAVID, THOMAS KANATHKUNN, IN

[72] RAJU, MUPPALA SARVESWARA, US

[73] RCP DEVELOPMENT, INC., US

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[54] **COMPOSE DE JOINT EN RUBAN AMELIORE**

[72] HEULINGS, HARRY R., IV, US

[72] HYMAN, LARRY N., US

[73] DOW GLOBAL TECHNOLOGIES LLC, US

[73] ROHM AND HAAS COMPANY, US

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[54] **FRAME BIT-SIZE ALLOCATION FOR SEAMLESSLY SPLICED, VARIABLE-ENCODING-RATE, COMPRESSED DIGITAL VIDEO SIGNALS**

[54] **ATTRIBUTION DU NOMBRE DE BITS PAR TRAME POUR LA TRANSMISSION DE SIGNAUX VIDEO NUMERIQUES COMPRISES A TAUX DE CODAGE VARIABLE AVEC FUSION TRANSPARENTE**

[72] LIU, VINCENT, US

[72] CHEN, JINGYANG, US

[72] WU, SIU-WAI, US

[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US

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[54] **METHOD AND SYSTEM FOR RESPONDER-AWARE RELAY STATION SELECTION IN WIRELESS COMMUNICATION NETWORKS**

[54] **PROCEDE ET SYSTEME DE SELECTION DE STATION RELAIS INFORMEE DE LA PRESENCE DE REPONDEURS DANS DES RESEAUX DE COMMUNICATION SANS FIL**

[72] SHAO, HUAI-RONG, US

[72] HSU, JU-LAN, US

[72] NGO, CHIU, US

[73] SAMSUNG ELECTRONICS CO., LTD., KR

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[54] **INTERACTIVE COLOR CENTER DISPLAY APPARATUS**

[54] **APPAREIL D'AFFICHAGE DE CENTRE DE COULEURS INTERACTIF**

[72] REYNOLDS, DAMIEN, US

[72] WOELFEL, ERIKA, US

[73] BEHR PROCESS CORPORATION, US

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[54] **PROCEDE ET ENSEMBLE DE COUPLAGE D'UN RAYONNEMENT EMIS PAR DES DEL**
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[72] HERZIG, JOHANNES, DE
[73] DENTSPLY SIRONA INC., US
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[54] **CONDUITES D'AIR FLEXIBLES CONFIGURABLES**
[72] PINKALLA, CARY, US
[72] HEIM, FRANK, US
[72] STEPHAN, IRENE E., US
[72] GEBKE, KEVIN J., US
[72] JACOBSON, MICHAEL A., US
[72] KAUFMAN, NICHOLAS L., US
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[73] RITE-HITE HOLDING CORPORATION, US
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[72] GETZLAF, DONALD A., CA
[72] STROMQUIST, MARTY, CA
[73] NCS MULTISTAGE INC., CA
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[54] **CHAUSSURES AMORTISSANT LES CHOCs A EFFICACITE D'ASSEMBLAGE ET DE FONCTIONNEMENT AMELIOREE**
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[54] **PROCEDE PERMETTANT D'AUTENTIFIER ET D'INSCRIRE DES DISPOSITIFS**
[72] MCCANN, STEPHEN, GB
[72] STEER, DAVID G., CA
[72] YU, DONGSHENG, CA
[73] BLACKBERRY LIMITED, CA
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[72] DUGUAY, MONIQUE, CA
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[72] MENEZES, ROBERT, GB
[72] HILLIARD, MATTHEW, GB
[72] MICHAELIDES, PETER, GB
[73] MESSIER-DOWTY LIMITED, GB
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[54] **BATI ET TABLETTES EXTENSIBLES**
[72] NEUMANN, ERIC, US
[72] BEDDISON, MARK, US
[72] GOMMERMANN, BRUCE, US
[73] DISPLAY TECHNOLOGIES, US
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- [72] NAGAHAMA, TAKUYA, JP
- [72] YOSHIKAWA, MASAKI, JP
- [72] TAKANO, JUN, JP
- [72] KAWAI, TAKAMASA, JP
- [72] TAKAHASHI, KAZUNARI, JP
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- [72] RITZBERGER, AXEL, CH
- [72] FAUST, WOLFGANG, DE
- [72] ECKBRETT-WELZ, GERHARD, DE
- [73] GEORG UTZ HOLDING AG, CH
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- [54] **APPAREIL DE SEPARATION DE PARTICULES ET SES PROCÉDES D'UTILISATION**
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- [73] SMITH & LOVELESS, INC., US
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- [72] FACCIN, STEFANO, US
- [72] CHEN, CHEN HO, BE
- [72] BURBIDGE, RICHARD CHARLES, GB
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- [73] THE PROCTER & GAMBLE COMPANY, US
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- [54] **PROCÉDES ET DISPOSITIFS DESTINÉS À UNE COMPRESSION DE DONNÉES À L'AIDE DE NIVEAUX DE RECONSTRUCTION ADAPTATIVE**
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- [72] YU, XIANG, CA
- [72] YANG, EN-HUI, CA
- [73] BLACKBERRY LIMITED, CA
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- [72] NUNEZ DI CROCE, MARIANO, AR
- [73] ONAPSIS S.R.L., AR
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[54] **INTEGRATION DE TRANSMISSION EN BOUCLE FERMÉE COMPORTANT UN SYSTÈME D'AIDE À LA MARCHÉ AVANT ET/OU À LA MARCHÉ ARRIÈRE**
[72] CONN, RANDALL S., US
[72] RAINS, MARK A., US
[73] ALLISON TRANSMISSION, INC., US
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[72] SCHOLZ, HERMANN, DE
[73] W.L. GORE & ASSOCIATES GMBH, DE
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[54] **SYSTÈME ET MÉTHODE POUR ADAPTATION DE LA VITESSE D'ÉCHANTILLONNAGE**
[72] SAVARD, PATRICK-ANDRÉ, CA
[73] 2236008 ONTARIO INC., CA
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[54] **DISPOSITIF À USAGE UNIQUE POUR LA DISTRIBUTION DE MÉDICAMENTS EN CARTOUCHE**
[72] FINKE, MELVIN, US
[72] SELVITELLI, DAVID M., US
[72] TREMBLAY, KATHLEEN, US
[72] FOSTER, JOHN K., US
[72] STRICKLAND, CARL, US
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[54] **VIEILLISSEMENT D'ALLIAGES D'ALUMINIUM LITHIUM POUR UNE COMBINAISON AMÉLIORÉE DE PERFORMANCE À LA FATIGUE ET DE RÉSISTANCE**
[72] GIUMMARRA, CINDIE, US
[72] RIOJA, ROBERTO J., US
[72] BRAY, GARY H., US
[72] MAGNUSEN, PAUL E., US
[73] ALCOA INC., US
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[54] **SÉLECTION D'UN MODE DE TRANSMISSION AUTOMATIQUE POUR APPAREIL DE COMMUNICATION**
[72] PATINO, ROBERT, US
[72] BERRIZ, SERGIO JAVIER, US
[73] BLACKBERRY LIMITED, CA
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[54] **PROCÉDES ET APPAREIL POUR ACTIVER DES MESURES DE LOCALISATION**
[72] SUZUKI, TAKASHI, JP
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
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[54] SYSTÈME ET PROCÉDÉ DE COORDINATION DYNAMIQUE DE L'UTILISATION DE RESSOURCES RADIO DANS UN ENVIRONNEMENT DE RESEAU SANS FIL
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[72] STIER, DAVID, CA
[72] YU, DONGSHENG, CA
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[72] ARKSEY, DONALD, CA
[72] LARGARDE, NOEL, CA
[72] LANOIE, MARCEL, CA
[73] ATOM JET INDUSTRIES (2002) LTD., CA
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[54] SÉLECTION ADAPTATIVE DE PROTOCOLE ET DE TECHNIQUE D'INITIALISATION
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[72] HUI, WEI-HUNG, US
[72] MORRISSETTE, MARC L., US
[73] GOOGLE TECHNOLOGY HOLDINGS LLC, US
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[54] SUPPORT POUR ECHANTILLON CRYOGENIQUE
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[72] WILLIAMS, KERRY GORDON PETER, CA
[72] LAHTI, NILS PATRIK, CA
[73] BLACKBERRY LIMITED, CA
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[72] CHARLEBOIS, LAWRENCE EDWARD WILLIAM, CA
[72] REVINGTON, ADRIAN, CA
[72] BUGG, TREVOR, CA
[72] SANCHEZ, ANA, CA
[72] CALDWELL, JACK ARTHUR, CA
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[72] SCHULLER, GERALD, DE
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[73] TECHNISCHE UNIVERSITAT ILMENAU, DE
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- [54] **PREPARATION PHARMACEUTIQUE POUR LE TRAITEMENT DE LA DEPRESSION ET METHODE D'ELABORATION DE LADITE PREPARATION**
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[73] BEIJING WONNER BIOTECH LTD. CO., CN
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[72] OGAWA, TOSHIO, JP
[72] FUJITA, NOBUHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-06-13
[86] 2011-12-15 (PCT/JP2011/079045)
[87] (WO2012/081666)
[30] JP (2010-281690) 2010-12-17

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[13] C
- [51] Int.Cl. E21B 43/26 (2006.01) E21B 43/30 (2006.01)
[25] EN
[54] **TARGETED ORIENTED FRACTURE PLACEMENT USING TWO ADJACENT WELLS IN SUBTERRANEAN POROUS FORMATIONS**
- [54] **SOUTENEMENT DE FRACTURES ORIENTEES CIBLEES UTILISANT DEUX PUITTS ADJACENTS DANS DES FORMATIONS POREUSES SOUTERRAINES**
- [72] YUAN, YANGUANG, CA
[73] BITCAN GEOSCIENCES & ENGINEERING INC., CA
[86] (2823598)
[87] (2823598)
[22] 2013-08-14

- [11] 2,823,810
[13] C
- [51] Int.Cl. H04L 12/18 (2006.01) H04W 4/12 (2009.01) H04L 12/58 (2006.01) H04L 29/06 (2006.01)
[25] EN
[54] **DELIVERY AND MANAGEMENT OF STATUS NOTIFICATIONS FOR GROUP MESSAGING**
- [54] **DISTRIBUTION ET GESTION DE NOTIFICATIONS D'ETAT POUR MESSAGERIE DE GROUPE**
- [72] CLARKE, MICHAEL FREDERICK HARNES, CA
[72] KALYANASUNDARAM, SANJAY, US
[72] CARBONELL DUQUE, SANTIAGO, CO
[72] ROEX, CALVIN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-07-04
[86] 2012-01-05 (PCT/CA2012/050004)
[87] (WO2012/092677)
[30] US (61/430,460) 2011-01-06

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[25] EN
[54] **DISPENSING DEVICE FOR FLOWABLE MATERIALS**
[54] **DISPOSITIF DE DISTRIBUTION POUR MATERIAUX LIQUIDES**
[72] VOGT, SEBASTIAN, DE
[72] GREINER, CLEMENS, DE
[72] HEIN, RUDOLF, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2824486)
[87] (2824486)
[22] 2013-08-22
[30] DE (10 2012 018 597.9) 2012-09-20

[11] 2,824,582
[13] C

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[25] EN
[54] **VACUUM ASSISTED CONFORMAL SHAPE SETTING DEVICE**
[54] **DISPOSITIF DE FIXATION DE FORME CONFORMEE A DEPRESSION**
[72] WHITWORTH, DENVER R., US
[72] CRIBB, VANCE N., US
[72] NOTTORF, ERIC W., US
[73] BELL HELICOPTER TEXTRON INC., US
[85] 2013-06-19
[86] 2011-01-03 (PCT/US2011/020016)
[87] (WO2012/093992)

[11] 2,824,610
[13] C

- [51] Int.Cl. H02P 23/03 (2006.01) H02P 25/03 (2016.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F24F 11/04 (2006.01)
[25] EN
[54] **FAN MOTOR**
[54] **MOTEUR DE VENTILATEUR**
[72] ZHAO, YONG, CN
[73] ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD., CN
[73] HUBEI QUEEN-OCEAN ELECTRICAL APPLIANCE MANUFACTURE CO., LTD., CN
[86] (2824610)
[87] (2824610)
[22] 2013-08-22
[30] CN (201220445126.6) 2012-08-31

[11] 2,824,862
[13] C

- [51] Int.Cl. A47F 5/00 (2006.01) A47F 7/024 (2006.01) B65G 1/133 (2006.01)
[25] EN
[54] **SYSTEMS AND METHODS FOR SECURELY STORING, DISPLAYING AND/OR DISPENSING ONE OR MORE RETAIL PRODUCTS**
[54] **SYSTEMES ET PROCEDES POUR STOCKER, PRESENTER OU DISTRIBUER UN OU DES PRODUITS AU DETAIL EN TOUTE SECURITE**
[72] VOGLER, MICHAEL, CA
[72] POLLOCK, JOEL, CA
[73] MARKETING IMPACT LIMITED, CA
[86] (2824862)
[87] (2824862)
[22] 2013-08-28
[30] US (61/694,587) 2012-08-29

[11] 2,824,982
[13] C

- [51] Int.Cl. A61K 9/19 (2006.01) A61K 31/496 (2006.01) A61M 5/00 (2006.01)
[25] EN
[54] **MEDICAL DEVICE CONTAINING A CAKE COMPOSITION COMPRISING ARIPIRAZOLE AS AN ACTIVE INGREDIENT, AND A CAKE COMPOSITION COMPRISING ARIPIRAZOLE AS AN ACTIVE INGREDIENT**
[54] **DISPOSITIF MEDICAL CONTENANT UNE COMPOSITION DE GATEAU COMPRENANT DE L'ARIPIRAZOLE COMME INGREDIENT ACTIF, ET COMPOSITION DE GATEAU COMPRENANT DE L'ARIPIRAZOLE COMME INGREDIENT ACTIF**
[72] HIRAOKA, SHOGO, JP
[72] TANIGUCHI, KIYOSHI, JP
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP
[85] 2013-07-16
[86] 2012-01-17 (PCT/JP2012/051285)
[87] (WO2012/102216)
[30] JP (2011-011711) 2011-01-24

[11] 2,825,052
[13] C

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[25] EN
[54] **CONNECTOR WITH FIRST AND SECOND PORTS**
[54] **RACCORD AVEC PREMIER ET DEUXIEME ORIFICES**
[72] MANSOUR, GEORGE MICHEL, US
[72] PANIAN, TYLER DEVIN, US
[73] CAREFUSION 303, INC., US
[85] 2013-07-17
[86] 2012-01-27 (PCT/US2012/023028)
[87] (WO2012/103518)
[30] US (13/016,883) 2011-01-28

[11] 2,825,816
[13] C

- [51] Int.Cl. C07C 217/54 (2006.01) A61K 31/135 (2006.01) A61P 25/04 (2006.01) C07C 219/26 (2006.01)
[25] EN
[54] **ANALGESIC COMPOUNDS, METHODS, AND FORMULATIONS**
[54] **COMPOSES ANALGESIQUES, PROCEDES, ET FORMULATIONS**
[72] DEFAUW, JEAN MARIE, US
[72] HOLMSTROM, SCOTT DALE, US
[72] CHEN, SHUIHUI, US
[72] ZHANG, YANG, CN
[72] WU, WENTAO, CN
[72] PENG, XIAN, CN
[72] MA, YUJUAN, CN
[72] LU, LUN, CN
[73] ELI LILLY AND COMPANY, US
[85] 2013-07-26
[86] 2012-01-13 (PCT/US2012/021181)
[87] (WO2012/102875)
[30] CN (PCT/CN2011/070706) 2011-01-27

[11] 2,825,910
[13] C

- [51] Int.Cl. B65D 25/08 (2006.01) B65D 41/00 (2006.01)
[25] EN
[54] **DISPENSING CAP FOR A CONTAINER**
[54] **CAPUCHON DISTRIBUTEUR POUR CONTENANT**
[72] PORTER, JOHN, US
[73] GRANITE STATE PRODUCT DEVELOPMENT LLC, US
[85] 2013-07-26
[86] 2012-02-01 (PCT/US2012/023506)
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[30] US (61/438,440) 2011-02-01

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- [25] EN
- [54] COMPOUNDS AND METHODS FOR KINASE MODULATION, AND INDICATIONS THEREFOR
- [54] COMPOSES ET PROCEDES DE MODULATION DE KINASE, ET LEURS INDICATIONS
- [72] IBRAHIM, PRABHA N., US
- [72] ZHANG, CHAO, US
- [72] SPEVAK, WAYNE, US
- [72] ZHANG, JIAZHONG, US
- [72] WU, GUOXIAN, US
- [72] LIN, JACK, US
- [72] CHO, HANNA, US
- [72] NESPI, MARIKA, US
- [72] SHI, SONGYUAN, US
- [72] EWING, TODD, US
- [72] ZHANG, YING, US
- [73] PLEXXIKON INC., US
- [85] 2013-07-30
- [86] 2012-02-01 (PCT/US2012/023543)
- [87] (WO2012/109075)
- [30] US (61440,339) 2011-02-07
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- [11] 2,826,361**
[13] C
- [51] Int.Cl. H04B 7/00 (2006.01) H04W 24/00 (2009.01) H04B 1/16 (2006.01) H04L 7/00 (2006.01)
- [25] EN
- [54] SYNCHRONOUS TDM-BASED COMMUNICATION IN DOMINANT INTERFERENCE SCENARIOS
- [54] COMMUNICATION SYNCHRONE BASEE SUR UN MULTIPLEXAGE PAR REPARTITION DANS LE TEMPS (TDM) DANS DES SCENARIOS D'INTERFERENCES DOMINANTES
- [72] BHATTAD, KAPIL, US
- [72] PALANKI, RAVI, US
- [73] QUALCOMM INCORPORATED, US
- [86] (2826361)
- [87] (2826361)
- [22] 2009-07-10
- [62] 2,729,957
- [30] US (614080,025) 2008-07-11
- [30] US (12/499,432) 2009-07-08

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[13] C
- [51] Int.Cl. H04R 1/02 (2006.01) H04R 3/00 (2006.01) H04R 9/06 (2006.01)
- [25] EN
- [54] MULTIPLE-ORIENTATION, FREE-STANDING, PORTABLE SPEAKER
- [54] HAUT-PARLEUR PORTATIF AUTOPORTANT MULTI-ORIENTATION
- [72] TAO, DI, CA
- [72] SZYMANSKI, AARON MICHAEL, CA
- [72] PASCHKE, BRIAN DENNIS, CA
- [73] BLACKBERRY LIMITED, CA
- [86] (2826475)
- [87] (2826475)
- [22] 2013-09-09
- [30] EP (12184573.9) 2012-09-14
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- [11] 2,827,088**
[13] C
- [51] Int.Cl. H04W 72/12 (2009.01) H04W 24/00 (2009.01)
- [25] EN
- [54] METHOD AND SYSTEM FOR ADDRESSING INTERFERENCE BETWEEN CO-EXISTING RADIOS OF DIFFERING RADIO ACCESS TECHNOLOGIES
- [54] METHODE ET SYSTEME DE TRAITEMENT DE L'INTERFERENCE ENTRE DES RADIOS COEXISTANTES DE TECHNOLOGIES D'ACCES RADIO DIFFERENTES
- [72] SMADI, MOHAMMED NAWAF, CA
- [72] LAMBIRI, CRISTIAN, CA
- [72] HUBO-KLEISS, MICHAEL, DE
- [73] BLACKBERRY LIMITED, CA
- [86] (2827088)
- [87] (2827088)
- [22] 2013-09-17
- [30] EP (12185742.9) 2012-09-24

- [11] 2,827,512**
[13] C
- [51] Int.Cl. C07C 51/12 (2006.01) B01J 19/00 (2006.01) C07C 51/44 (2006.01) C07C 51/48 (2006.01) C07C 53/08 (2006.01) G01N 21/65 (2006.01)
- [25] EN
- [54] ACETIC ACID PRODUCTION PROCESS
- [54] PROCEDE DE PRODUCTION D'ACIDE ACETIQUE
- [72] SALISBURY, BRIAN A., US
- [72] HALLINAN, NOEL C., US
- [73] LYONDELLBASELL ACETYLIS, LLC, US
- [85] 2013-08-14
- [86] 2012-02-27 (PCT/US2012/026693)
- [87] (WO2012/148554)
- [30] US (13/037,041) 2011-02-28
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- [11] 2,827,519**
[13] C
- [51] Int.Cl. H04L 9/30 (2006.01) H04L 9/08 (2006.01) H04L 9/32 (2006.01)
- [25] EN
- [54] INCORPORATING DATA INTO CRYPTOGRAPHIC COMPONENTS OF AN ECQV CERTIFICATE
- [54] INCORPORATION DE DONNEES DANS DES COMPOSANTS CRYPTOGRAPHIQUES D'UN CERTIFICAT ECQV
- [72] LITTLE, HERBERT ANTHONY, CA
- [72] CAMPAGNA, MATTHEW JOHN, US
- [72] VANSTONE, SCOTT ALEXANDER, CA
- [72] BROWN, DANIEL RICHARD L., CA
- [73] BLACKBERRY LIMITED, CA
- [73] CERTICOM CORP., CA
- [85] 2013-08-15
- [86] 2012-03-15 (PCT/IB2012/051259)
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- [30] US (13/070,178) 2011-03-23

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- [51] Int.Cl. F02D 45/00 (2006.01)
[25] EN
[54] CONTROL SYSTEM FOR
INTERNAL COMBUSTION
ENGINE
[54] DISPOSITIF DE COMMANDE DE
MOTEUR A COMBUSTION
INTERNE
[72] IKEDA, TOMOKI, JP
[72] OIE, NAOKI, JP
[72] ICHOUA, TOSHIKI, JP
[73] HONDA MOTOR CO., LTD., JP
[85] 2013-08-21
[86] 2012-02-07 (PCT/JP2012/052654)
[87] (WO2012/132554)
[30] JP (2011-069995) 2011-03-28

[11] 2,828,018
[13] C

- [51] Int.Cl. H04W 12/08 (2009.01) H04W
4/12 (2009.01) H04W 8/26 (2009.01)
H04W 84/18 (2009.01)
[25] EN
[54] PERSONNEL ACCESS SYSTEM
WITH VERIFICATION FEATURES
UTILIZING NEAR FIELD
COMMUNICATION (NFC) AND
RELATED METHODS
[54] SYSTEME D'ACCES PERSONNEL
A CARACTERISTIQUES DE
VERIFICATION UTILISANT DES
COMMUNICATIONS EN CHAMP
PROCHE (NFC) ET PROCEDES
ASSOCIES
[72] CARBONELL DUQUE, SANTIAGO,
CO
[72] ZUBIRI, ALBERTO DANIEL, CA
[72] BUCZEK, TOMASZ, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-08-22
[86] 2012-02-23 (PCT/CA2012/050110)
[87] (WO2012/113080)
[30] EP (11155796.3) 2011-02-24

[11] 2,828,087
[13] C

- [51] Int.Cl. F16F 9/52 (2006.01) B64C
27/51 (2006.01) F16F 9/18 (2006.01)
F16F 9/34 (2006.01)
[25] EN
[54] A TEMPERATURE ADAPTIVE
FLUID DAMPING SYSTEM
[54] SYSTEME D'AMORTISSEMENT
UTILISANT UN FLUIDE
S'ADAPTANT A LA
TEMPERATURE
[72] BOSWORTH, JEFFREY, US
[72] STAMPS, FRANK B., US
[73] BELL HELICOPTER TEXTRON INC.,
US
[85] 2013-08-22
[86] 2011-02-24 (PCT/US2011/025983)
[87] (WO2012/115645)

[11] 2,828,288
[13] C

- [51] Int.Cl. G01N 33/543 (2006.01)
[25] EN
[54] MINIATURIZED MAGNETIC
FLOW CYTOMETRY
[54] CYTOMETRIE DE FLUX
MAGNETIQUE MINIATURISEE
[72] HAYDEN, OLIVER, DE
[72] HELOU, MICHAEL JOHANNES, DE
[72] REISBECK, MATTHIAS, DE
[72] TIEDDE, SANDRO FRANCESCO, DE
[73] SIEMENS AKTIENGESELLSCHAFT,
DE
[85] 2013-08-26
[86] 2012-02-21 (PCT/EP2012/052901)
[87] (WO2012/116906)
[30] DE (10 2011 004 805.7) 2011-02-28

[11] 2,828,707
[13] C

- [51] Int.Cl. B23K 26/21 (2014.01) B23K
9/00 (2006.01) B23K 9/16 (2006.01)
B62D 21/00 (2006.01)
[25] EN
[54] MULTI-PART AUTOMOBILE
FRAME COMPONENT WITH
IMPROVED STIFFNESS
OBTAINED BY LOCATION
OPTIMIZED CONTINUOUS
HYBRID LASER WELDING
[54] COMPOSANT DE CHASSIS
D'AUTOMOBILE MULTI-
ELEMENTS A RIGIDITE
AMELIOREE OBTENU PAR
SOUDAGE LASER HYBRIDE
CONTINU OPTIMISE SELON
L'EMPLACEMENT
[72] TAMAI, YOSHIKIYO, JP
[72] FUJITA, TAKESHI, JP
[72] KITANI, YASUSHI, JP
[72] TAKEBE, HIROYUKI, JP
[73] JFE STEEL CORPORATION, JP
[73] FI-ONE CO., LTD., JP
[85] 2013-08-29
[86] 2012-05-16 (PCT/JP2012/062478)
[87] (WO2012/161043)
[30] JP (2011-116368) 2011-05-24

[11] 2,828,758
[13] C

- [51] Int.Cl. H04N 21/6543 (2011.01) H04N
21/258 (2011.01) H04N 21/438
(2011.01)
[25] EN
[54] METHOD AND APPARATUS FOR
PROVIDING PARENTAL
CONTROL USING A PLAYLIST
[54] PROCEDE ET APPAREIL POUR
REALISER UN CONTROLE
PARENTAL SUR LA BASE D'UNE
LISTE DE LECTURE
[72] BRADLEY, BRUCE R., US
[73] GOOGLE TECHNOLOGY
HOLDINGS LLC, US
[85] 2013-06-07
[86] 2011-12-19 (PCT/US2011/065874)
[87] (WO2012/087950)
[30] US (12/976,035) 2010-12-22

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[51] Int.Cl. A61K 9/00 (2006.01) A61K 31/4535 (2006.01) A61K 47/18 (2006.01) A61K 47/30 (2006.01) C08G 77/06 (2006.01) C08J 3/075 (2006.01) G02C 7/04 (2006.01)

[25] EN

[54] **CONTACT DRUG DELIVERY SYSTEM**

[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENTS PAR CONTACT**

[72] BYRNE, MARK E., US

[72] VENKATESM, SIDDARTI, US

[73] AUBURN UNIVERSITY, US

[86] (2829533)

[87] (2829533)

[22] 2006-02-03

[62] 2,597,219

[30] US (60/650,450) 2005-02-04

[30] US (60/692,042) 2005-06-17

[30] US (60/736,140) 2005-11-10

[30] US (11/346,770) 2006-02-03

[11] 2,829,687
[13] C

[51] Int.Cl. C07C 233/18 (2006.01) A61K 31/165 (2006.01) A61P 1/00 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) C07C 231/24 (2006.01)

[25] EN

[54] **NEW CRYSTALLINE FORM VII OF AGOMELATINE, PREPARATION METHOD AND USE THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING SAME**

[54] **NOUVELLE FORME CRISTALLINE VII D'AGOMELATINE, SON PROCEDE DE PREPARATION ET UTILISATION ET COMPOSITION PHARMACEUTIQUE LA CONTENANT**

[72] HUANG, YU, CN

[72] TONG, LING, CN

[72] ZHU, XUEYAN, CN

[72] SHAN, HANBIN, CN

[72] YUAN, ZHEDONG, CN

[72] YU, XIONG, CN

[73] SHANGHAI INSTITUTE OF PHARMACEUTICAL INDUSTRY, CN

[73] LES LABORATOIRES SERVIER, FR

[85] 2013-09-10

[86] 2012-03-22 (PCT/CN2012/072816)

[87] (WO2012/126385)

[30] CN (201110070828.0) 2011-03-23

[11] 2,829,690
[13] C

[51] Int.Cl. C07C 233/18 (2006.01) A61K 31/165 (2006.01) A61P 1/00 (2006.01) A61P 9/00 (2006.01) A61P 25/00 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) C07C 231/24 (2006.01)

[25] EN

[54] **MIXED CRYSTAL AGOMELATINE (FORM-VIII), PREPARATION METHOD AND USE THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING SAME**

[54] **AGOMELATINE CRISTALLINE MIXTE (FORME VIII), SON PROCEDE DE PREPARATION ET UTILISATION ET COMPOSITION PHARMACEUTIQUE LA CONTENANT**

[72] HUANG, YU, CN

[72] LONG, QING, CN

[72] ZHU, XUEYAN, CN

[72] SHAN, HANBIN, CN

[72] YUAN, ZHEDONG, CN

[72] YU, XIONG, CN

[73] SHANGHAI INSTITUTE OF PHARMACEUTICAL INDUSTRY, CN

[73] LES LABORATOIRES SERVIER, FR

[85] 2013-09-10

[86] 2012-03-22 (PCT/CN2012/072818)

[87] (WO2012/126386)

[30] CN (201110070634.0) 2011-03-23

[11] 2,830,197
[13] C

[51] Int.Cl. A61F 2/40 (2006.01) A61F 2/30 (2006.01)

[25] EN

[54] **SHOULDER PROSTHESIS**

[54] **PROTHESE D'EPAULE**

[72] HOPKINS, ANDREW, CH

[72] KUSOGULLARI, LEVENT, CH

[73] ZIMMER GMBH, CH

[85] 2013-09-13

[86] 2012-02-15 (PCT/EP2012/052627)

[87] (WO2012/130524)

[30] EP (11002505.3) 2011-03-25

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[13] C

[51] **Int.Cl. B01D 36/02 (2006.01) B01D 15/08 (2006.01)**
[25] EN
[54] **IMPROVED FILTRATION OF A HYDROCARBON FROM A FLUID**
[54] **AMELIORATION DE LA FILTRATION D'UN HYDROCARBURE A PARTIR D'UN FLUIDE**
[72] MASON, CRAIG A., US
[73] MASON, CRAIG A., US
[85] 2013-09-13
[86] 2012-03-16 (PCT/US2012/029502)
[87] (WO2012/129111)
[30] US (13/051,872) 2011-03-18

[11] **2,832,336**
[13] C

[51] **Int.Cl. C12N 5/075 (2010.01) A61K 35/545 (2015.01) A61B 17/425 (2006.01) A61K 35/12 (2015.01) C12Q 1/02 (2006.01) G01N 33/52 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR AUTOLOGOUS GERMLINE MITOCHONDRIAL ENERGY TRANSFER**
[54] **COMPOSITIONS ET METHODES DE TRANSFERT D'ENERGIE AUTOLOGUE DES MITOCHONDRIES DANS LES CELLULES GERMINALES**
[72] TILLY, JONATHAN LEE, US
[72] WOODS, DORI C., US
[73] THE GENERAL HOSPITAL CORPORATION, US
[85] 2013-10-03
[86] 2012-04-13 (PCT/US2012/033643)
[87] (WO2012/142500)
[30] US (61/475,561) 2011-04-14
[30] US (61/600,505) 2012-02-17

[11] **2,832,771**
[13] C

[51] **Int.Cl. F01D 25/24 (2006.01) F01D 25/26 (2006.01)**
[25] EN
[54] **RADIAL FIXING AND POSITIONING FLANGES FOR SHELLS OF AXIAL TURBINE COMPRESSOR HOUSINGS**
[54] **BRIDES DE POSITIONNEMENT ET DE FIXATION RADIALES POUR COQUILLES DE CARTERS DE COMPRESSEUR DE TURBINE AXIAL**
[72] REMY, CHRISTOPHER, BE
[73] TECHSPACE AERO S.A., BE
[86] (2832771)
[87] (2832771)
[22] 2013-11-13
[30] EP (12192848.5) 2012-11-15

[11] **2,833,217**
[13] C

[51] **Int.Cl. E06B 1/34 (2006.01)**
[25] EN
[54] **APPARATUS FOR TRIMMING INTERIOR WALLS**
[54] **APPAREIL CONCU POUR LA FINITION DE MURS INTERIEURS**
[72] HALISCHUK, CORY, CA
[73] HALISCHUK, CORY, CA
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[54] **OUTIL DE POSE DE TUBES A PRISE EXTERNE**
[72] ANGELLE, JEREMY R., US
[72] MOSING, DONALD E., US
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[73] FRANK'S INTERNATIONAL, LLC, US
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[54] **ECHANGEUR DE CHALEUR BRASÉ À ÉVACUATION À DOUBLE PAROI**
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[54] **LINER HANGER AND METHOD FOR INSTALLING A WELLBORE LINER**
[54] **SUSPENSION DE CUVELAGE DE PUITS ET PROCÉDE POUR INSTALLER UN CUVELAGE DE PUITS DE FORAGE**
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[72] SCHMIDT, JAMES WILBURN, CA
[72] D'ARCY, SHANE, CA
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[72] ALTONEN, GENE MICHAEL, US
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[72] NEUFARTH, RALPH EDWARD, US
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[72] KURODA, KOSUKE, JP
[72] OSHIMA, TADASHI, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **SOLUTIONS PHARMACEUTIQUES DE DIPROPIONATE DE BECLOMETHASONE ET DE PROPIONATE DE FLUTCASONE DANS 1,1-DIFLUOROETHANE**
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[72] LI, JUAN, CN
[72] LI, JUNLIANG, CN
[72] ZHANG, JINGBO, CN
[72] HAN, XIUTING, CN
[72] XU, JINCHAO, CN
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PATTERN CASTING**
[54] **MACHINE DE MISE EN FORME
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[72] SHAN, ZHONGDE, CN
[72] LIU, FENG, CN
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[72] LI, XIWEN, CN
[72] CHEN, SHAOKAI, CN
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[54] **COMPOSITION
PHARMACEUTIQUE
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L'HYDROCHLOROTHIAZIDE**
[72] BESO, ADNAN, SI
[72] LEGEN, IGOR, SI
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[73] LEK PHARMACEUTICALS D.D., SI
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[54] **PRODUCTION METHOD OF
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CONDENSATION, STABILIZING
METHOD OF CAPSINOID, AND
CAPSINOID COMPOSITION**
[54] **PROCEDE D'OBTENTION DE
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DE STABILISATION DU
CAPSINOIDE ET COMPOSITION
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[72] AMINO, YUSUKE, JP
[72] KUROSAWA, WATARU, JP
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[72] HIRASAWA, KAZUKO, JP
[73] AJINOMOTO CO., INC., JP
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[54] **APPAREIL DE CRIBLAGE A
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[72] SUH, YUNG DOUG, KR
[72] JEON, KI SEOK, KR
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[54] **VIRTUAL CHANNEL TABLE FOR
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AND RECEIVING BROADCAST
SIGNALS USING THE SAME**
[54] **TABLE DE CANAUX VIRTUELS
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[54] **DISPOSITIF DE CARTOUCHE A BLANC ET ARME A FEU AUTOMATIQUE CONVENANT POUR LEDIT DISPOSITIF**

[72] BECKMANN, RUDI, DE

[72] HEZEL, ROLF, DE

[73] HECKLER & KOCH GMBH, DE

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[54] **COUCHE JETABLE A NOYAU ABSORBANT REDUIT FIXE PAR UN ADHESIF AU FEUILLET ARRIERE**

[72] HIPPE, MATTHIAS KONRAD, DE

[72] EHRSNER, BRUNO, DE

[72] LOEFFLER, EGON, DE

[72] BIANCHI, ERNESTO G., DE

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[54] **JOINT SOUDE EN ACIER AUSTENITIQUE**

[72] HIRATA, HIROYUKI, JP

[72] OMURA, TOMOHIKO, JP

[72] TOMIO, YUSAKU, JP

[72] NAKAMURA, JUN, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

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[54] **PROCEDE ET SYSTEME DE SOUDAGE A AME METALLIQUE EN UTILISANT UNE ELECTRODE ROTATIVE**

[72] PAGANO, KEVIN, US

[72] SUMMERS, KEVIN, US

[73] ILLINOIS TOOL WORKS INC., US

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[54] **LUMINAIRE A DEL A BOITIER ETENDU ET NON METALLIQUE**

[72] PECK, JOHN PATRICK, US

[72] SPIRIDONOV, ALEKSANDR OLEGOVICH, US

[72] BOEGE, SAMUAL DAVID, US

[73] DIALIGHT CORPORATION, US

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[54] **PROCEDE POUR PRODUIRE UNE TOLE D'ACIER LAMINEE A FROID**

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[72] WAKITA, MASAYUKI, JP

[72] TANAKA, YASUAKI, JP

[72] IMAI, NORIO, JP

[72] TOMIDA, TOSHIRO, JP

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- [54] **METHODE D'AMELIORATION D'UNE REPONSE EN FREQUENCE D'UNE USINE DE PRODUCTION D'ENERGIE A CYCLE COMBINE**
- [72] SCHLESIER, JAN, CH
[72] OLIA, HAMID, CH
[72] SCHOENENBERGER, MARTIN, CH
[73] ALSTOM TECHNOLOGY LTD, CH
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- [54] **COMPOSITION DE POLYOL POUR MOUSSE DE POLYURETHANE DURE ET PROCEDE DE PRODUCTION POUR DE LA MOUSSE DE POLYURETHANE DURE**
- [72] WATANABE, TSUGUO, JP
[72] AKAIJUN, JP
[73] TOYO TIRE & RUBBER CO., LTD., JP
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- [72] HECHT, GIL., IL
[73] ISCAR LTD., IL
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- [54] **LAMINOIR ET PROCEDE DE LAMINAGE**
- [72] HOFFGEN, WALTER, DE
[72] KIRCHNER, WALTER, DE
[72] THEELEN, NORBERT, DE
[73] SMS MEER GMBH, DE
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- [54] **VEHICULE AYANT DES HAUT-PARLEURS DE PAROI LATERALE**
- [72] SILZLE, ANDREAS, DE
[72] HELLMUTH, OLIVER, DE
[72] HEISE, ULRIC, AT
[72] FINAUER, STEFAN, DE
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- [54] **TERNESITE UTILISEE COMME ACTIVATEUR POUR DES SUBSTANCES AUX PROPRIETES HYDRAULIQUES LATENTES ET POZZOLANIQUES**
- [72] BULLERJAHN, FRANK, DE
[72] SCHMITT, DIRK, DE
[72] BEN HAH, MOHSEN, DE
[72] BATOG, BARBARA, PL
[72] IRBE, LINDA, DE
[73] HEIDELBERGCEMENT AG, DE
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- [54] **TAB WELDED TURNTABLE**
- [54] **TABLE TOURNANTE SOUDEE DU TYPE LANGUETTE/FENTE**
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[72] MCGONAGLE, PETER, US
[72] GONSOWSKI, TIMOTHY, US
[73] THE MACTON CORPORATION, US
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[72] MARGALIT, MORDEHAI, IL
[73] EMPIRE TECHNOLOGY DEVELOPMENT LLC, US
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[54] **CLIMATISEUR INTERIEUR**
[72] SHANG, BIN, CN
[72] GU, TANGTANG, CN
[73] GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, CN
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[86] 2012-08-13 (PCT/CN2012/080060)
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[54] **SYSTEMS AND METHODS FOR PROVIDING A PREVIEW BAR OF A LIGHT SHOW**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UNE BARRE DE PREVISUALISATION D'UN SPECTACLE DE LUMIERE**
[72] HICKOK, JOHN T., US
[72] NORTON, MARK, US
[72] WESTRICK, RICHARD L., JR., US
[73] ABL IP HOLDING LLC, US
[86] (2845607)
[87] (2845607)
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[25] EN
[54] **APPARATUS AND METHOD FOR MANUFACTURING CUTTING INSERTS**
[54] **APPAREIL ET PROCEDE DE FABRICATION DE PLAQUETTES DE COUPE**
[72] SATRAN, AMIR, IL
[72] ZIBENBERG, ALEXANDER, IL
[73] ISCAR LTD., IL
[85] 2014-02-13
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[30] IL (214642) 2011-08-14

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[54] **GLYCEROPHOSPHOLIPIDES DESTINES A L'AMELIORATION DES FONCTIONS COGNITIVES**
[72] BEN DROR, GAI, IL
[72] PLATT, DORIT, IL
[72] FARKASH, ORLY, IL
[72] ZUABI, RASSAN, IL
[72] BAR-ON, ZOHAR, IL
[72] SHULMAN, AVIDOR, IL
[72] PELLER, DORI, IL
[72] RICHTER, Yael, IL
[73] ENZYMOTECH LTD., IL
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[87] (2847644)
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[54] **FOREIGN MATERIAL REMOVING DEVICE OF TRACK TURNOUT PORTION**
[54] **DISPOSITIF D'ELIMINATION DE MATIERES ETRANGERES POUR SECTION D'EMBRANCHEMENT DE VOIE FERREE**
[72] SATO, MASAHUMI, JP
[72] KIGAMI, SHOGO, JP
[72] KINUGASA, YUKI, JP
[73] EAST JAPAN RAILWAY COMPANY, JP
[73] NABTESCO CORPORATION, JP
[85] 2014-03-10
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[30] JP (2011-203742) 2011-09-16
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[54] **METHOD FOR AUTOMATED REAL-TIME ACQUISITION OF MARINE MAMMALS**
[54] **PROCEDE DE DETECTION TEMPS REEL AUTOMATISEE DE MAMMIFERES MARINS**
[72] PARANHOS ZITTERBART, DANIEL, DE
[72] KINDERMANN, LARS, DE
[72] BOEBEL, OLAF, DE
[73] ALFRED-WEGENER-INSTITUT HELMHOLTZ-ZENTRUM FUR POLAR- UND MEERESFORSCHUNG, DE
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[54] **METHOD OF DECODING VIDEO DATA USING HALF AND QUARTER PIXEL POSITIONS INDICATED BY THE MOTION VECTOR**

[54] **METHODE DE DECODAGE DE DONNEES VIDEO A L'AIDE DE POSITIONS DE PIXEL A LA MOITIE ET AU QUART INDIQUEES PAR LE VECTEUR DE MOUVEMENT**

[72] OH, SOO MI, KR
[72] YANG, MOONOCK, SG
[73] INFOBRIDGE PTE. LTD., SG
[85] 2014-03-18
[86] 2012-11-02 (PCT/CN2012/084018)
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[54] **INSERT FOR FLAMELESS CANDLE**

[54] **INSERT POUR BOUGIE SANS FLAMME**

[72] CHARTRAND, MATHIEU, CA
[73] WINVIC SALES INC., CA
[85] 2014-03-19
[86] 2012-10-04 (PCT/CA2012/000925)
[87] (WO2013/049925)
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[54] **A PACKAGING FOR A WINDOW AND A METHOD FOR PACKING**

[54] **EMBALLAGE POUR UNE FENETRE ET PROCEDE D'EMBALLAGE**

[72] JORGENSEN, CHRISTIAN TAULOV, DK
[73] VKR HOLDING A/S, DK
[85] 2014-03-20
[86] 2012-10-04 (PCT/DK2012/050373)
[87] (WO2013/050041)
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[54] **A FRAME FOR A WINDOW AND A METHOD FOR MAKING A FRAME**

[54] **CADRE DE FENETRE ET PROCEDE DE FABRICATION D'UN CADRE**

[72] KOED, IVER, DK
[73] VKR HOLDING A/S, DK
[85] 2014-03-20
[86] 2012-10-04 (PCT/DK2012/050374)
[87] (WO2013/050042)
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[13] C

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[54] **METHODS AND APPARATUS FOR IMPROVING NFC DATA EXCHANGE CONFIGURATION PARAMETER UPDATE MECHANISMS**

[54] **PROCEDES ET DISPOSITIF POUR AMELIORER DES SYSTEMES DE MISE A JOUR DE PARAMETRES DE CONFIGURATION D'ECHANGE DE DONNEES DE COMMUNICATION EN CHAMP PROCHE (NFC)**

[72] HILLAN, JOHN, US
[72] CHINGALANDE, DUBAI, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-03-25
[86] 2012-09-28 (PCT/US2012/058032)
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[54] **FIBER OPTIC SENSING SYSTEM WITH HYDROGEN FLUSH**

[54] **SYSTEME DE DETECTION A FIBRES OPTIQUES AVEC PURGE A L'HYDROGENE**

[72] JAASKELAINEN, MIKKO, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[86] (2850205)
[87] (2850205)
[22] 2014-04-25
[30] US (13/910,635) 2013-06-05

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[54] **ENSEMBLES A STYLETS, ENSEMBLES A CATHETERS ET ENSEMBLES COMPRENANT DES ENSEMBLES A STYLETS, ET PROCEDES CONNEXES**

[72] RACZ, N. SANDOR, US

[72] RACZ, GABOR J., US

[73] CUSTOM MEDICAL APPLICATIONS, INC., US

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[54] **DIHYDROXYBENZOATE POLYMERS AND USES THEREOF**

[54] **POLYMERES DE DIHYDROXYBENZOATE ET LEURS UTILISATIONS**

[72] MOSES ARIKHA, US

[72] PULAPURA, SATISH, US

[72] GE, QING, US

[72] NEETHULA, SARITA, US

[72] RAJARAM, ARCHANA, US

[73] TYRX, INC., US

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[87] (2853772)

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[54] **CURVED DOOR**

[54] **PORTE COURBEE**

[72] YUHAS, DREW, US

[73] AS JP HOLDCO, LLC, US

[86] (2853916)

[87] (2853916)

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[54] **FAULT-TOLERANT SELF-INDICATING SURGE PROTECTION SYSTEM FOR AIRCRAFT**

[54] **DISPOSITIF DE PROTECTION DE SURCHARGE AUTOINDICATEUR INSENSIBLE AUX PANNES**

[72] HASENCEPHER, THOMAS R., US

[72] PATTERSON, JOHN T., US

[72] WHITNEY, MARVIN, US

[72] CALLAHAN, KEVIN S., US

[72] KIKSRAYANI, SHAHRIAR, US

[73] THE HOJING COMPANY, US

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[54] **ACCOMMODATING SEMI-PERSISTENT SCHEDULING IN HETEROGENEOUS NETWORKS WITH RESTRICTED SUBFRAME PATTERNS**

[54] **EXECUTION D'UNE PLANIFICATION SEMI-PERSISTANTE DANS DES RESEAUX HETEROGENES AVEC DES MOTIFS DE SOUS-TRAME RESTREINTS**

[72] SUZUKI, TAKASHI, JP

[72] CAI, ZHIJUN, US

[73] BLACKBERRY LIMITED, CA

[85] 2014-05-02

[86] 2012-10-31 (PCT/US2012/062808)

[87] (WO2013/067017)

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[54] **COMBUSTOR LINER**

[54] **CHEMISE DE CHAMBRE DE COMBUSTION**

[72] OKITA, YUJI, JP

[72] NAKAMATA, CHIYUKI, JP

[72] MATSUMOTO, YUUTA, JP

[72] HOSOI, JUN, JP

[72] HIROMITSU, NAGAYOSHI, JP

[73] IHI CORPORATION, JP

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[54] **MECANISME DE RECUPERATION D'HYDROCARBURES A L'AIDE D'ENERGIE RF POUR CHAUFFER LA VAPEUR CHAUDE A L'INTERIEUR D'UN INJECTEUR ET METHODES ASSOCIEES**
[72] PARSCHE, FRANCIS EUGENE, US
[73] HARRIS CORPORATION, US
[86] (2855288)
[87] (2855288)
[22] 2014-06-26
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[25] EN
[54] **METHOD FOR PRODUCING HIGH-PURITY NICKEL SULFATE**
[54] **PROCEDE DE FABRICATION DE SULFATE DE NICKEL DE HAUTE PURETE**
[72] NAKAI, TAKAYUKI, JP
[72] HIGAKI, TATSUYA, JP
[72] OZAKI, YOSHITOMO, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2014-05-20
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[87] (WQ2013/077296)
[30] JP (2011-255547) 2011-11-22

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[25] EN
[54] **DUAL TANK STRUCTURE INTEGRALLY SUPPORTED ON A PORTABLE BASE FRAME**
[54] **STRUCTURE DE RESERVOIR DOUBLE SUPPORTE INTEGRALEMENT SUR UN CADRE DE BASE PORTATIF**
[72] THIESSEN, LESTER JAMES, CA
[73] ENVIRO PRODUCTION SYSTEMS INC., CA
[86] (2856484)
[87] (2856484)
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[54] **DUAL MOTION POWERED TOOTHBRUSH**
[54] **BROSSE A DENTS A MOUVEMENT DOUBLE**
[72] DICKIE, ROBERT G., CA
[73] BRUSHPOINT INNOVATIONS INC., CA
[85] 2014-05-26
[86] 2011-11-22 (PCT/CA2011/050723)
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[25] EN
[54] **METHOD AND APPARATUS FOR SETTING OR MODIFYING PROGRAMMABLE PARAMETERS IN POWER DRIVEN WHEELCHAIR**
[54] **PROCEDE ET APPAREIL POUR REGLER OU MODIFIER LES PARAMETRES PROGRAMMABLES DANS UN FAUTEUIL ROULANT MECANISE**
[72] JAENKE, BRUCE A., US
[72] PETERS, DARRYL, US
[72] CHOPCINSKI, GARY E., US
[72] MCCULLAR, RICKY J., US
[73] INVACARE CORPORATION, US
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[54] **IMPINGEMENT COOLING MECHANISM, TURBINE BLADE AND COMBUSTOR**
[54] **MECANISME DE REFROIDISSEMENT PAR CONTACT, AUBE DE TURBINE ET CHAMBRE DE COMBUSTION**
[72] FUJIMOTO, SHU, JP
[72] NAKAMATA, CHEYUKI, JP
[72] OKITA, YOSHI, JP
[73] INAC CORPORATION, JP
[85] 2014-05-26
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[54] **IMPROVED PROCESSES FOR PREPARING PEPTIDE CONJUGATES AND LINKERS**

[54] **PROCEDES AMELIORES POUR LA PREPARATION DE CONJUGUES PEPTIDIQUES ET DE LIEURS**

[72] MAGANO, JAVIER, US

[72] MALONEY, MARK THOMAS, US

[72] MARCQ, OLIVIER J., US

[72] NADKARNI, DURGESH VASANT, US

[72] POZZO, MARK JOHN, US

[72] TELXEIRA, JOHN JOSEPH, JR., US

[73] PFIZER INC., US

[85] 2014-06-20

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[25] EN

[54] **3,4-DIHYDRO-2(1H)-ISOQUINOLINYL CARBONYL COMPOUNDS, A PROCESS FOR THEIR PREPARATION, AND THEIR USE AS ANTI-APOPTOTIC ACTIVITY INHIBITORS**

[54] **COMPOSES DE CARBONYLE 3,4-DIHYDRO-2(1H)-ISOQUINOLINYL, UN PROCEDE DE PREPARATION ASSOCIE ET LEUR UTILISATION COMME INHIBITEURS D'ACTIVITE ANTI-APOPTOTIQUE**

[72] LE DIGUARHER, THIERRY, FR

[72] CASARA, PATRICK, FR

[72] STARCK, JEROME-BENOIT, FR

[72] HENLIN, JEAN-MICHEL, FR

[72] DAVIDSON, JAMES EDWARD PAUL, GB

[72] MURRAY, JAMES BROCKE, GB

[72] GRAHAM, CHRISTOPHER JOHN, GB

[72] CHEN, I-HEN, GB

[72] GENESTE, OLIVIER, FR

[72] HICKMAN, JOHN, FR

[72] DEPH, STEPHANE, FR

[72] LE TIRAN, ARNAUD, FR

[72] NYERGES, MIKLÓS, HU

[72] DE NANTHEUIL, GUILLAUME, FR

[73] LES LABORATOIRES SERVIER, FR

[73] VERNALIS (R&D) LTD, GB

[85] 2014-07-14

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[54] **SHORT DETECTION BUS**

[54] **BUS DE DETECTION DE COURT-CIRCUIT**

[72] FORST, DOUGLAS, CA

[72] ABRAMOV, VLADIMIR, CA

[73] CMC INDUSTRIAL ELECTRONICS LTD., CA

[86] (2861185)

[87] (2861185)

[22] 2014-08-26

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[51] Int.Cl. F21V 17/00 (2006.01) F21V 29/70 (2015.01) F21V 29/77 (2015.01) F21K 9/00 (2016.01) F21K 9/68 (2016.01) F21S 8/02 (2006.01) F21V 7/00 (2006.01) F21V 21/04 (2006.01) F21V 23/00 (2015.01)

[25] EN

[54] **LIGHT ENGINE**

[54] **MOTEUR LUMINEUX**

[72] GABRIELIS, ALGIMANTAS J., US

[72] GROVE, DOUGLAS DEWAYNE, US

[72] HINNEFELT, JON D., US

[72] ONDA, ROSEPH J., US

[72] OFFERSON, MARVIN L., US

[72] SCHÖNEBERG, CARL JASON, US

[73] AIB, IP HOLDING LLC, US

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[25] EN
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[54] SAC CADEAU AVEC DISTRIBUTEUR DE BONBONS INTEGRE
[72] MILLER, CAROL, US
[72] MAYER, DAVE, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2861853)
[87] (2861853)
[22] 2014-09-05
[30] US (61/931,837) 2014-01-27
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[25] EN
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[54] CARTES DE VOEUX A DECOUPE AVEC CONFETTI
[72] BUDZAR, LAUREN, US
[72] TALBOT, JOHN, US
[72] SHILONSKY, LYNNE, US
[72] FLESHER, MELISSA, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2861857)
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[22] 2014-09-05
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[25] EN
[54] ARTICLE-TRANSPORT CONTAINER
[54] RECEPTACLE DE TRANSPORT D'OBJETS
[72] HERMOSILLO, IGNACIO PADILLA, MX
[72] MCLEOD, MICHAEL B., US
[72] COTA SOTO, RAMON ULISES, MX
[73] TIN INC., US
[85] 2014-07-17
[86] 2013-01-17 (PCT/US2013/021898)
[87] (WO2013/112348)
[30] US (61/590,227) 2012-01-24

[11] 2,861,976
[13] C

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[25] EN
[54] METAL ADSORPTION ACRYLIC FIBER, NON-WOVEN FABRIC, SHEET-LIKE PRODUCT, AND USES THEREOF AS METAL ADSORBENT
[54] FIBRES ACRYLIQUES POUR ADSORPTION DE METAL, NON TISSE ET ARTICLE SOUS FORME DE FEUILLE AINSI QU'UTILISATION DE CES DERNIERS EN TANT QUE MATERIAU D'ADSORPTION DE METAL
[72] ONOHARA, YUKIO, JP
[72] INAGAKI, TATSUHIKO, JP
[72] FUJII, YASUYUKI, JP
[72] OOTSUBO, MASAHIRO, JP
[72] KOBAYASHI, HIDEAKI, JP
[73] MITSUBISHI RAYON CO., LTD., JP
[85] 2014-07-18
[86] 2013-01-25 (PCT/JP2013/051594)
[87] (WO2013/111857)
[30] JP (2012-015194) 2012-01-27

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[13] C

[51] Int.Cl. B65D 5/38 (2006.01) B65D 5/66 (2006.01) B65D 85/10 (2006.01)
[25] EN
[54] PACKAGING CONTAINER WITH OPENING AND CLOSING LID
[54] CONTENANT D'EMBALLAGE A COUVERCLE D'OUVERTURE/FERMETURE
[72] IWATA, SHINICHI, JP
[72] NAKAYAMA, HIROFUMI, JP
[73] JAPAN TOBACCO INC., JP
[85] 2014-07-23
[86] 2012-11-29 (PCT/JP2012/081581)
[87] (WO2013/114727)
[30] JP (2012-020264) 2012-02-01

[11] 2,863,005
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[25] EN
[54] MOTORIZED FOAM GREETING CARD
[54] CARTE DE SOUHAITS EN MOUSSE MOTORISEE
[72] MAYER, DAVID, US
[72] MILLER, CAROL, US
[72] SAPP, DAVE, US
[72] SHILONSKY, LYNNE, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2863005)
[87] (2863005)
[22] 2014-09-10
[30] US (61/905,420) 2013-11-18
[30] US (14/301,166) 2014-06-10

[11] 2,863,016
[13] C

[51] Int.Cl. E04B 2/88 (2006.01) E04B 2/96 (2006.01)
[25] EN
[54] CURTAIN WALL ELEMENTS
[54] ELEMENTS DE MUR-RIDEAU
[72] GRISE, JOCELYN, CA
[72] LAURIN, OLIVIER, CA
[73] A. & D. PREVOST INC., CA
[86] (2863016)
[87] (2863016)
[22] 2014-09-09

[11] 2,863,377
[13] C

[51] Int.Cl. A61K 31/714 (2006.01) A61K 9/08 (2006.01)
[25] EN
[54] CYANOCOBALAMIN LOW VISCOSITY AQUEOUS FORMULATIONS FOR INTRANASAL DELIVERY
[54] FORMULATIONS AQUEUSES DE FAIBLE VISCOSITE DE CYANOCOBALAMINE POUR ADMINISTRATION INTRANASALE
[72] QUAY, STEVEN C., US
[72] GO, ZENAIDA O., US
[72] APRILE, PETER C., US
[72] SILENO, ANTONY P., US
[73] PAR PHARMACEUTICAL, INC., US
[86] (2863377)
[87] (2863377)
[22] 2006-06-23
[62] 2,656,823

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[25] EN

[54] **MONOBENZOATE USEFUL AS A PLASTICIZER IN ADHESIVE PREPARATIONS**

[54] **MONOBENZOATE UTILE EN TANT QUE PLASTIFIANT DANS DES PREPARATIONS D'ADHESIFS**

[72] ARENDT, WILLIAM D., US

[72] MCBRIDE, EMILY, US

[73] EMERALD KALAMA CHEMICAL, LLC, US

[85] 2014-08-08

[86] 2013-02-14 (PCT/US2013/026137)

[87] (WO2013/123188)

[30] US (61/598,372) 2012-02-14

[11] 2,864,307
[13] C

[51] Int.Cl. E21C 31/00 (2006.01) B60L 9/00 (2006.01) E21C 33/00 (2006.01)

[25] EN

[54] **MINING VEHICLE AND METHOD FOR ITS ENERGY SUPPLY**

[54] **VEHICULE DE MINE ET SON PROCEDE D'ALIMENTATION EN ENERGIE**

[72] KOUVO, MIKKO, FI

[72] KOUHIA, SAMULI, FI

[73] SANDVIK MINING AND CONSTRUCTION OY, FI

[86] (2864307)

[87] (2864307)

[22] 2014-09-22

[30] EP (EP13186996.8) 2013-10-02

[11] 2,864,322
[13] C

[51] Int.Cl. A61K 9/70 (2006.01) A61K 31/519 (2006.01) A61K 47/30 (2006.01) A61K 47/38 (2006.01)

[25] EN

[54] **HIGH-CONTENT FAST DISSOLVING FILM WITH MASKING OF BITTER TASTE COMPRISING SILDENAFIL AS ACTIVE INGREDIENT**

[54] **FILM A HAUTE TENEUR ET A DISSOLUTION RAPIDE A GOUT AMER MASQUE COMPRENANT DU SILDENAFIL COMME PRINCIPE ACTIF**

[72] JEONG, HYUN JUN, KR

[72] CHANG, IK HYEON, KR

[72] KIM, DAL GEUN, KR

[72] LEE, JIN HOO, KR

[72] UM, JIN HEE, KR

[72] KIM, HYUN SOO, KR

[72] JUNG, KYUNG TAE, KR

[72] YEON, KYU JEONG, KR

[72] PARK, JIN GYU, KR

[73] SEOUL PHARMA. CO., LTD., KR

[85] 2014-08-11

[86] 2013-02-28 (PCT/KR2013/001679)

[87] (WO2013/129889)

[30] KR (10-2012-0020316) 2012-02-28

[30] KR (10-2012-0117233) 2012-10-22

[11] 2,864,658
[13] C

[51] Int.Cl. B42D 15/02 (2006.01) A63H 5/00 (2006.01)

[25] EN

[54] **GREETING CARD WITH PULL STRING CURTAIN**

[54] **CARTE DE VOEUX AVEC RIDEAU A CORDELETTE DE TRACTION**

[72] SHILONSKY, LYNNE, US

[72] NELSON, GARY, US

[73] AMERICAN GREETINGS CORPORATION, US

[86] (2864658)

[87] (2864658)

[22] 2014-09-22

[30] US (61/888,940) 2013-10-09

[30] US (14/479,345) 2014-09-07

[11] 2,865,165
[13] C

[51] Int.Cl. F01N 9/00 (2006.01) F01N 3/027 (2006.01) F01N 3/10 (2006.01)

[25] EN

[54] **ELECTRIC HEATING ASSISTED PASSIVE AND ACTIVE REGENERATION FOR EFFICIENT EMISSION CONTROLS OF DIESEL ENGINES**

[54] **REGENERATION PASSIVE ET ACTIVE ASSISTEE PAR UN CHAUFFAGE ELECTRIQUE POUR SYSTEMES ANTIPOLLUTION DE MOTEURS DIESEL**

[72] ZHANG, WENZHONG, US

[72] BANGE, MIKE, US

[72] BOEHMER, SCOTT, US

[72] KHAIR, MAGDI, US

[72] JULIAN, TAN, US

[73] WATLOW ELECTRIC MANUFACTURING COMPANY, US

[85] 2014-08-20

[86] 2013-02-21 (PCT/US2013/027142)

[87] (WO2013/126575)

[30] US (61/601,923) 2012-02-22

[11] 2,868,661
[13] C

[51] Int.Cl. C08L 63/00 (2006.01) C08G 59/42 (2006.01) H01B 3/40 (2006.01) H02K 3/30 (2006.01) H02K 3/40 (2006.01) H02K 15/10 (2006.01) H02K 15/12 (2006.01)

[25] EN

[54] **ELECTRICAL INSULATION BODY FOR A HIGH-VOLTAGE ROTARY MACHINE AND METHOD FOR PRODUCING THE ELECTRICAL INSULATION BODY**

[54] **CORPS ISOLANT DE L'ELECTRICITE POUR UNE MACHINE TOURNANTE A HAUTE TENSION ET PROCEDE DE FABRICATION DU CORPS ISOLANT DE L'ELECTRICITE**

[72] GROPPPEL, PETER, DE

[72] MEICHNER, CHRISTIAN, DE

[72] FOHLMANN, FRIEDRICH, DE

[73] SIEMENS ENERGY, INC., US

[85] 2014-09-26

[86] 2013-02-01 (PCT/EP2013/052049)

[87] (WO2013/143727)

[30] DE (10 2012 205 046.9) 2012-03-29

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[25] EN
[54] PASTE FOODSTUFF FOR PIGS
[54] ALIMENT EN PATE POUR PORCS
[72] CHAVEZ DELGADILLO, ELIAS, MX
[73] CHAVEZ DELGADILLO, CARLOS, MX
[85] 2014-10-10
[86] 2011-06-08 (PCT/MX2011/000071)
[87] (WO2012/141564)
[30] MX (MX/a/2011/003976) 2011-04-14

[11] 2,872,156
[13] C

- [51] Int.Cl. F21V 7/04 (2006.01) F21S 8/08 (2006.01) F21V 7/10 (2006.01) F21V 19/00 (2006.01)
[25] EN
[54] ROADWAY LUMINAIRE AND METHODS OF USE
[54] LUMINAIRE POUR L'ECLAIRAGE ROUTIER ET PROCEDES D'UTILISATION
[72] BOYER, JOHN D., US
[72] VANDEN EYNDEN, JAMES G., US
[73] LSI INDUSTRIES, INC., US
[86] (2872156)
[87] (2872156)
[22] 2008-10-14
[62] 2,812,765
[30] US (60/980,562) 2007-10-17
[30] US (12/166,536) 2008-07-02

[11] 2,875,574
[13] C

- [51] Int.Cl. A61K 36/8962 (2006.01) A01N 65/08 (2009.01) A01N 65/22 (2009.01) A01N 65/42 (2009.01) A23K 10/30 (2016.01) A23K 20/10 (2016.01) A23K 50/80 (2016.01) A01N 41/12 (2006.01) A01N 47/42 (2006.01) A01P 17/00 (2006.01) A61K 31/10 (2006.01) A61K 31/26 (2006.01) A61K 36/185 (2006.01) A61K 36/53 (2006.01) A61P 33/14 (2006.01) A23K 20/195 (2016.01)
[25] EN
[54] METHODS AND FEED COMPOSITIONS FOR MASKING OF FISH SEMIOCHEMICALS
[54] PROCEDES ET COMPOSITIONS D'ALIMENTS POUR MASQUER DES PRODUITS SEMIOCHIMIQUES POUR POISSONS
[72] WADSWORTH, SIMON, NO
[72] VECINO, JOSE LUIS GONZALEZ, NO
[72] PINO, JORGE, CL
[72] MORDUE, JENNY, GB
[73] EWOS INNOVATION AS, NO
[86] (2875574)
[87] (2875574)
[22] 2010-12-02
[62] 2,782,653
[30] NO (20093460) 2009-12-02

[11] 2,876,781
[13] C

- [51] Int.Cl. E04D 1/14 (2006.01)
[25] EN
[54] FLAKE HAVING MULTILAYER COATINGS WITH OPTICAL AND THERMAL PROPERTIES
[54] FLOCON POSSEDANT DES REVETEMENTS MULTICOUCHES AFFICHANT DES PROPRIETES OPTIQUES ET THERMIQUES
[72] WILSON, PAUL G., US
[72] ZHANEL, JACOB S., US
[72] RAILKAR, SUDHIR, US
[72] BOSS, DANIEL, US
[72] KLIK, MATTI, US
[73] BUILDING MATERIALS INVESTMENT CORPORATION, US
[86] (2876781)
[87] (2876781)
[22] 2015-01-05
[30] US (14/151,898) 2014-01-10

[11] 2,879,267
[13] C

- [51] Int.Cl. A01B 79/02 (2006.01) B01D 53/92 (2006.01) C01B 21/20 (2006.01) C05C 11/00 (2006.01) C09K 17/00 (2006.01) F02B 75/10 (2006.01)
[25] EN
[54] METHOD OF RECYCLING EXHAUST EMISSIONS
[54] METHODE DE RECYCLAGE DES EMISSIONS DE GAZ D'ECHAPPEMENT
[72] LEWIS, GARY, CA
[73] N/C QUEST INC., CA
[86] (2879267)
[87] (2879267)
[22] 2006-06-06
[62] 2,830,585
[30] CA (2,509,172) 2005-06-06

[11] 2,881,102
[13] C

- [51] Int.Cl. A01C 7/08 (2006.01) A01C 7/20 (2006.01)
[25] EN
[54] VARIABLE GEOMETRY METER ROLLER FOR AIR CART
[54] ROULEAU DOSEUR A GEOMETRIE VARIABLE POUR REMORQUE A RESERVE D'AIR
[72] KOWALCHUK, TREVOR LAWRENCE, CA
[72] TURNER, JACK DONALD, CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
[86] (2881102)
[87] (2881102)
[22] 2011-10-03
[62] 2,754,506
[30] US (13/045,280) 2011-03-10

[11] 2,881,803
[13] C

- [51] Int.Cl. F16C 27/02 (2006.01)
[25] EN
[54] RADIAL FOIL BEARING
[54] PALIER A FEUILLES RADIAL
[72] OMORI, NAOMICHI, JP
[73] IHI CORPORATION, JP
[85] 2015-02-12
[86] 2013-08-12 (PCT/JP2013/071791)
[87] (WO2014/027635)
[30] JP (2012-179776) 2012-08-14

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[13] C

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[25] EN
[54] **VEHICLE REAR WHEEL LIFT TENDENCY JUDGEMENT DEVICE**
[54] **DISPOSITIF D'APPRECIATION DE LA TENDANCE A LEVER D'UNE ROUE ARRIERE DE VEHICULE**
[72] IIZUKA, CHIKASHI, JP
[72] TODA, MAKOTO, JP
[72] KITAGAWA, HIROKI, JP
[72] GASEGAWA, TETSUYA, JP
[72] KODAIRA, NOBUYUKI, JP
[72] TSUCHIYA, TOMOHARU, JP
[73] HONDA MOTOR CO., LTD., JP
[73] NISSIN KOGYO CO., LTD., JP
[86] (2882315)
[87] (2882315)
[22] 2015-02-18
[30] JP (2014-028242) 2014-02-18

[11] 2,882,931
[13] C

[51] Int.Cl. A61K 39/395 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01) A61K 47/34 (2006.01)
[25] EN
[54] **ANTI-TNF-ALPHA ANTIBODIES IN SOLUTION AND USES THEREOF**
[54] **ANTICORPS ANTI-TNF ALPHA EN SOLUTION ET LEURS UTILISATIONS**
[72] KRAUSE, HANS-JUERGEN, DE
[72] BAUST, LISA, DE
[72] DICKES, MICHAEL, DE
[73] ABBVIE BIOTECHNOLOGY LTD., BM
[86] (2882931)
[87] (2882931)
[22] 2003-08-15
[62] 2,872,089
[30] US (10/222,140) 2002-08-16

[11] 2,884,099
[13] C

[51] Int.Cl. B01D 53/50 (2006.01) B01D 53/77 (2006.01) F23J 15/00 (2006.01) F23J 15/04 (2006.01)
[25] EN
[54] **DESULFURIZATION APPARATUS AND METHOD OF USING CONDENSED WATER PRODUCED THEREIN**
[54] **APPAREIL DE DESULFURATION ET PROCEDE POUR UTILISER DE L'EAU CONDENSEE PRODUITE DANS CELUI-CI**
[72] ITO, MOTOFUMI, US
[72] SUGITA, SATORU, US
[72] TSUJIUCHI, TATSUYA, US
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-05
[86] 2013-08-23 (PCT/JP2013/072497)
[87] (WO2014/041986)
[30] US (US13/611,396) 2012-09-12

[11] 2,887,756
[13] C

[51] Int.Cl. B07B 1/36 (2006.01) B01D 43/00 (2006.01)
[25] EN
[54] **SHAKER AND DEGASSER COMBINATION**
[54] **TAMIS VIBRANT ET DEGAZEUR COMBINES**
[72] CARR, BRIAN S., US
[73] M-I L.L.C., US
[86] (2887756)
[87] (2887756)
[22] 2007-10-01
[62] 2,841,278
[30] US (60/827,567) 2006-09-29
[30] US (60/827,542) 2006-09-29
[30] US (11/862,955) 2007-09-27

[11] 2,888,084
[13] C

[51] Int.Cl. B63H 20/08 (2006.01) B63H 20/10 (2006.01)
[25] EN
[54] **TROLLING MOTOR**
[54] **MOTEUR POUR PECHE A LA TRAINE**
[72] BERNLOEHR, DARREL A., US
[72] TUREK, CRAIG E., US
[72] SCHUMANN, MATTHEW P., US
[73] JOHNSON OUTDOORS INC., US
[86] (2888084)
[87] (2888084)
[22] 2015-04-15
[30] US (14/255,668) 2014-04-17

[11] 2,888,560
[13] C

[51] Int.Cl. G06T 1/00 (2006.01) G06F 19/00 (2011.01)
[25] EN
[54] **DICOM DE-IDENTIFICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DESIDENTIFICATION DICOM**
[72] BRIGHT, STEWART, CA
[72] DYER, KELLY NOEL, CA
[72] HODGES, WESLEY BRYAN, CA
[72] RESNICK, JONATHAN EDWARD, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., CA
[86] (2888560)
[87] (2888560)
[22] 2015-04-17
[30] US (14/688,386) 2015-04-16

[11] 2,888,871
[13] C

[51] Int.Cl. H04N 5/63 (2006.01) H04N 21/443 (2011.01)
[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD TO ADAPTIVELY OPTIMIZE POWER DISSIPATION AND BROADCAST POWER IN A POWER SOURCE FOR A COMMUNICATION DEVICE**
[54] **APPAREIL, SYSTEME, ET PROCEDE, POUR OPTIMISER DE FACON ADAPTATIVE UNE DISSIPATION DE LA PUISSANCE, ET TRANSMETTRE UNE PUISSANCE DANS UNE SOURCE DE PUISSANCE A UN DISPOSITIF DE COMMUNICATION**
[72] JANI, NILAY, US
[72] WEBB, DOUGLAS, US
[72] WITHRINGTON, JONATHAN, US
[72] BERKMAN, JEFFREY, US
[72] LI, HAIFENG, US
[73] PROTEUS DIGITAL HEALTH, INC., US
[85] 2015-04-20
[86] 2013-10-15 (PCT/US2013/065041)
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[30] US (61/715,610) 2012-10-18

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[13] C

[51] **Int.Cl. E21D 21/00 (2006.01) F16G 11/00 (2006.01)**
 [25] EN
 [54] **IMPROVED CABLE BOLT**
 [54] **ANCRAGE PAR CABLE**
AMELIORE
 [72] CRAIG, PETER H., AU
 [72] GAUDRY, TIMOTHY J., AU
 [72] NAYLOR, JOHN, AU
 [73] FCI HOLDINGS DELAWARE, INC., US
 [86] (2889347)
 [87] (2889347)
 [22] 2008-02-27
 [62] 2,622,806
 [30] AU (2007901048) 2007-02-28

[11] 2,892,420
[13] C

[51] **Int.Cl. B23K 35/24 (2006.01) H05K 1/02 (2006.01)**
 [25] EN
 [54] **SOLDER ALLOY, SOLDER PASTE, AND ELECTRONIC CIRCUIT BOARD**
 [54] **ALLIAGE DE SOUDURE, PATE DE SOUDURE ET PLAQUETTE DE CIRCUIT ELECTRONIQUE**
 [72] IKEDA, KAZUKI, JP
 [72] INOUE, KOSUKE, JP
 [72] ICHIKAWA, KAZUYA, JP
 [72] TAKEMOTO, TADASHI, JP
 [73] HARIMA CHEMICALS, INCORPORATED, JP
 [85] 2015-05-20
 [86] 2014-08-28 (PCT/JP2014/072576)
 [87] (WO2015/198497)
 [30] JP (2014-129472) 2014-06-24

[11] 2,892,424
[13] C

[51] **Int.Cl. B23K 35/24 (2006.01) C22C 13/00 (2006.01)**
 [25] EN
 [54] **SOLDER ALLOY, SOLDER COMPOSITION, SOLDER PASTE, AND ELECTRONIC CIRCUIT BOARD**
 [54] **ALLIAGE DE SOUDURE, COMPOSITION DE SOUDURE, PATE A SOUDURE ET CARTE DE CIRCUIT ELECTRONIQUE**
 [72] IKEDA, KAZUKI, JP
 [72] INOUE, KOSUKE, JP
 [72] ICHIKAWA, KAZUYA, JP
 [72] TAKEMOTO, TADASHI, JP
 [73] HARIMA CHEMICALS, INCORPORATED, JP
 [85] 2015-05-20
 [86] 2014-08-28 (PCT/JP2014/072575)
 [87] (WO2015/198496)
 [30] JP (2014-129472) 2014-06-24

[11] 2,893,544
[13] C

[51] **Int.Cl. B61L 27/00 (2006.01)**
 [25] EN
 [54] **METHOD OF REMOVING SUSPECTED SECTION OF TRACK**
 [54] **PROCEDE PERMETTANT DE SUPPRIMER UN TRONCON SUSPECT D'UNE VOIE**
 [72] GOLDMAN, ANDREA, CA
 [72] KRUNIC, DUKA, CA
 [72] RUDZINSKI, ROMAN, CA
 [73] THALES CANADA INC., CA
 [85] 2015-06-05
 [86] 2013-12-12 (PCT/IB2013/060889)
 [87] (WO2014/102647)
 [30] US (13/727,095) 2012-12-26

[11] 2,895,860
[13] C

[51] **Int.Cl. G01F 25/00 (2006.01)**
 [25] EN
 [54] **METHOD FOR GENERATING A DIAGNOSTIC FROM A DEVIATION OF A FLOW METER PARAMETER**
 [54] **PROCEDE POUR GENERER UN DIAGNOSTIC A PARTIR D'UN ECART D'UN PARAMETRE DE DEBITMETRE**
 [72] CUNNINGHAM, TIMOTHY J., US
 [72] PATTEN, ANDREW TIMOTHY, US
 [73] MICRO MOTION, NC., US
 [86] (2895860)
 [87] (2895860)
 [22] 2008-05-01
 [62] 2,722,856

[11] 2,896,405
[13] C

[51] **Int.Cl. B61L 23/34 (2006.01)**
 [25] EN
 [54] **TRAIN END AND TRAIN INTEGRITY CIRCUIT FOR TRAIN CONTROL SYSTEM**
 [54] **EXTREMITE DE TRAIN ET CIRCUIT D'INTEGRITE DE TRAIN POUR UN SYSTEME DE COMMANDE DE TRAIN**
 [72] KANNER, ABE, CA
 [72] FARCASI, IOAN, CA
 [72] DOOYEWEERD, PAUL, CA
 [73] THALES CANADA INC., CA
 [85] 2015-06-25
 [86] 2013-12-02 (PCT/IB2013/060578)
 [87] (WO2014/102632)
 [30] US (13/731,696) 2012-12-31

[11] 2,898,553
[13] C

[51] **Int.Cl. B60K 13/04 (2006.01) F01N 13/18 (2010.01) B60P 1/04 (2006.01) B62D 21/18 (2006.01)**
 [25] EN
 [54] **DUMP TRUCK**
 [54] **CAMION A BENNE**
 [72] ASHIKAWA, HIROKAZU, JP
 [72] TASHIRO, TAKAYUKI, JP
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 [85] 2015-07-27
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[54] **PROCEDE POUR SEPARER DES IMPURETES D'UNE SOLUTION ACIDE CONTENANT DU NICKEL ET DU COBALT ET/OU DU SCANDIUM**
[72] GOTO, MASAHIRO, JP
[72] KUBOTA, FUKIKO, JP
[72] BABA, YUZO, JP
[72] OZAKI, YOSHITOMO, JP
[72] HAYATA, JIRO, JP
[72] HIGAKI, TATSUYA, JP
[72] NAGAKURA, TOSHIHIKO, JP
[72] MATSUMOTO, SHINYA, JP
[73] KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **FOND DE POCHE DE COULEE ET POCHE DE COULEE**
[72] KOHLER, SARAH, AT
[72] MARANITSCH, ALEXANDER, AT
[72] SERVOS, KERRY, CA
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
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[54] **APPAREIL D'EXTRACTION ET DE COLLECTE D'ELEMENT DE REMPLISSAGE**
[72] MOTZ, JOSEPH E., US
[72] MOTZ, DAVID P., US
[73] TECHNOLOGY LICENSING CORP., US
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[54] **SYSTEME DE PILE A COMBUSTIBLE DOTE DE REGULATION DE COMPRESSEUR A LA CATHODE**
[72] TOMITA, YOSUKE, JP
[72] CHIKUGO, HAYATO, JP
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[73] NISSAN MOTOR CO., LTD., JP
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[54] **ENSEMBLE JOINT INSTANTANE, DISPOSITIF ET PROCEDE**
[72] CROMPTON, DAVID, US
[72] DIAS, LIBARDO, US
[73] QUICK FITTING, INC., US
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[54] **BRAKE CYLINDER MAINTAINING VALVE**
[54] **SOUPAPE DE MAINTIEN D'UN CYLINDRE DE FREIN**
[72] CALL, DERICK, US
[72] CONNELL, JASON, US
[72] NEWTON, STEVEN R., US
[73] NEW YORK AIR BRAKE LLC, US
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[54] **PROCEDE DE PRODUCTION D'HEMATITE ET HEMATITE PRODUITE PAR CELUI-CI**
[72] OZAKI, YOSHITOMO, JP
[72] OHARA, HIIDEKI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
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[54] **GENE CAPABLE D'AMELIORER LA PRODUCTIVITE D'UNE SUBSTANCE DANS UNE SEMENCE, ET SON PROCEDE D'UTILISATION**

[72] KONDO, SATOSHI, JP

[72] OHTO, CHIKARA, JP

[72] MURAMOTO, NOBUHIKO, JP

[72] MITSUKAWA, NORIHIRO, JP

[72] TAKAGI, MASARU, JP

[72] MATSUI, KYOKO, JP

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[72] DUGGAN, ROBERT J., US

[72] VIDACIC, DRAGAN, US

[72] NEVISH, KEITH A., US

[73] CONSORTIUM P, INC., US

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[54] **APPAREIL PORTABLE D'ASSISTANCE AU DEMARRAGE POUR BATTERIE DE VEHICULE AVEC PROTECTION DE SURETE**

[72] NOOK, JONATHAN LEWIS, US

[72] NOOK, WILLIAM KNIGHT, US

[72] STANFIELD, JAMES RICHARD, US

[72] UNDERHILL, DEREK MICHAEL, US

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[54] **FERTILISANT AU PHOSPHATE MAGNESIUM ZINC**

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[72] GREEN, KERRY, CA

[73] COMPASS MINERALS MANITOBA INC., CA

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[54] **GENERATION ET FOURNITURE DE NOTIFICATIONS D'ADAPTATION DE CONTENU MULTIMEDIA**

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[72] LAVALLIERE, JOSEPH LEO CLAUDE MARIO, CA

[73] VANTRIX CORPORATION, CA

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[54] **PROCEDE DE NEUTRALISATION D'UNE SOLUTION ACIDE D'ACIDE SULFURIQUE ET PROCEDE HYDROMETALLURGIQUE DESTINE AU MINERAL D'OXYDE DE NICKEL**

[72] NAKAMURA, SHINICHIRO, JP

[72] NAKANO, OSAMU, JP

[73] SUMITOMO METAL MINING CO., LTD., JP

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[54] TRAITEMENT SYNCHRONISE DE
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[72] KATSUYAMA, BRADLEY, CA

[72] AISEN, DANIEL, CA

[72] PARK, ROBERT, CA

[72] SCHWALL, JOHN, CA

[72] STEINER, RICHARD, CA

[72] ZHANG, ALLEN, CA

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[54] DISPOSITIF ACTIF A MICRO-
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[72] AVERYANOV, VALERY, RU

[72] GORSHKOV, IGOR, RU

[73] APSTEC SYSTEMS USA LLC, US

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[54] APPAREIL, SYSTEME ET METHODE PERMETTANT DE CONFIRMER L'IDENTIFICATION
[72] PERSECHINO, GIOVANNI, CA
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[72] CURRY, MICHAEL F., CA
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[54] UNE METHODE D'AUTO-EQUILIBRAGE DE COMPOSANTES MECANQUES A L'INTERIEUR D'UN MODULE DE COMMANDE DE TEMPERATURE D'UN SYSTEME CVCA
[72] ELLIOT, BRYAN, CA
[72] WALKER, PHILLIP, CA
[72] AU, CHRIS, CA
[72] GEOFF, GOMM, CA
[72] BELAMRI, THABET, CA
[72] BATHGATE, KIERAN, CA
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[72] ZAMANZADEH, SAMAN, CA
[72] HANNA, PETER, CA
[71] CONSOLIDATED ENERGY SOLUTIONS INC., CA
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[54] METHODE DESTINEE A L'AMELIORATION DE LA DUREE UTILE DE LA TUYAUTERIE
[72] CUNNINGHAM, ANDREW, CA
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[54] DISPOSITIF NETTOYEUR HUMIDE PORTATIF
[72] BANIL CON, CA
[71] CLEAN AIR TECHNOLOGIES INC., CA
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[54] COMPOSITION ANTIROUILLE POUR LES PIPELINES, PROCEDE D'ELABORATION ET SYNTHESE
[72] MARIN CRUZ, JESUS, MX
[72] VEGA PAZ, ARACELI, MX
[72] MONTIEL SANCHEZ, LUISA ELENA, MX
[72] CASTILLO CERVANTES, SALVADOR, MX
[72] MARTINEX PALOU, RAFAEL, MX
[72] ESTRADA MARTINEZ, ARQUIMEDES, MX
[72] QUEJ AKE, LUIS MANUEL, MX
[72] BENITEZ AGUILAR, JOSE LUIS RODOLFO, MX
[72] SANCHEZ GARCIA, VERONICA, MX
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[72] COCKER, WILLIAM C., CA
[72] LARSEN, GARRY C., CA
[71] COCKER, WILLIAM C., CA
[71] LARSEN, GARRY C., CA
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[54] UN ACTIONNEUR DE BOUTON D'URGENCE POUR UN MONTANT BLOQUANT SUR UN MECANISME DE FERMETURE
[72] SVENSON, JULIAN MICHAEL, CA
[71] SVENSON, JULIAN MICHAEL, CA
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[54] SAC DE SPORT PLIANT
[72] COLLINS, GREGORY J., CA
[72] DOBO, ERIN D., CA
[72] HUGHSON, MATTHEW G., CA
[71] GRIT INC., CA
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[54] APPAREIL D'EVALUATION DE L'ETAT DE SANTE
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[71] WATERALL, GARY, GB
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[54] REMORQUE MODULAIRE
[72] PAQUETTE, DENIS, CA
[72] PAQUETTE, ALAIN, CA
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[71] PAQUETTE, ALAIN, CA
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[54] PAPILLONS DESTINES A LA TELE
[72] GIROUX, ANDRE, CA
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[51] Int.Cl. A63B 71/06 (2006.01)

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[54] **MECANISMES D'EVALUATION ET D'ENTRAINEMENT DE PERFORMANCE SPORTIVE, DISPOSITIFS ET METHODES**

[72] HOLLINS, JAMIE LEE, CA

[72] HOLLINS, JONATHAN GALE, CA

[72] CIANCUSI, RENATO, CA

[72] ELBI, OMER, CA

[72] SINGH, GAGANDEEP, CA

[72] COOPER, MARTIN, CA

[72] TURKVAN, HALUK, CA

[71] HOLLINS, JAMIE LEE, CA

[71] HOLLINS, JONATHAN GALE, CA

[71] CIANCUSI, RENATO, CA

[71] ELBI, OMER, CA

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[71] COOPER, MARTIN, CA

[71] TURKVAN, HALUK, CA

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[54] **AXIALLY COMPACT DRILL ROD**

[54] **TIGE DE FORAGE COMPACTE DANS LE SENS AXIAL**

[72] WEINBERGER, GERHARD, ZZ

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

[22] 2015-01-29

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[51] Int.Cl. C04B 11/26 (2006.01) C01F 11/46 (2006.01)

[25] EN

[54] **APPARATUS AND METHOD FOR RECYCLING GYPSUM**

[54] **APPAREIL ET PROCEDE DESTINES AU RECYCLAGE DU GYPSE**

[72] VAN STRIEN, JOHN, CA

[72] COLCLOUGH, WILLIAM ROBERT, CA

[71] INTERNATIONAL MATERIAL RECOVERY INC., CA

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[13] A1

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[54] **COMPOSITION AND METHOD OF USING POLYMERIZABLE NATURAL OILS TO TREAT PROPPANTS**

[54] **COMPOSITION ET METHODE D'UTILISATION D'HUILES NATURELLES POLYMERISABLES EN VUE DU TRAITEMENT D'AGENTS DE SOUTÈNEMENT**

[72] WANG, CHUANZHONG, CA

[72] ZHANG, KEWEL, CA

[72] LU, WEIBING, CA

[72] LUI, LEO, CA

[71] TRICAN WELL SERVICE LTD., CA

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[54] **FLUIDE DE FRACTURATION RENFERMANT DU DME**

[72] CHAKRABARTY, NEILIN, CA

[71] CHAKRABARTY, NEILIN, CA

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[54] **TRANSFERT SELECTIF DE DISPOSITIF A SEMICONDUCTEUR VERS UN SUBSTRAT DE SYSTEME**

[72] CHAJI, REZA, CA

[72] FATHI, EHSANALLAH, CA

[71] IGNIS INNOVATION INC., CA

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[54] **SELF OPENING STYLE BAG AND METHOD OF MANUFACTURE**

[54] **SAC DE STYLE AUTO-OUVRANT ET PROCEDE DE FABRICATION**

[72] TIEPELMAN, ROBERT, US

[72] GIELINGH, BOB, US

[71] GATEWAY PACKAGING COMPANY, US

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[25] EN

[54] BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 64800 AND CODE RATE OF 3/15 AND 64-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME

[54] ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 3/15 ET UN MAPPAGE A 64 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI

[72] PARK, SUNG-IK, KR

[72] KWON, SUN-HYOUNG, KR

[72] LEE, JAE-YOUNG, KR

[72] KIM, HEUNG-MOOK, KR

[72] HUR, NAM-HO, KR

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[54] BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 2/15 AND 64-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME

[54] ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 64 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI

[72] PARK, SUNG-IK, KR

[72] KWON, SUN-HYOUNG, KR

[72] LIM, BO-MI, KR

[72] LEE, JAE-YOUNG, KR

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[54] MASQUE DE TIREUR

[72] NGUYEN, RYAN VINH, CA

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[54] **BIT INTERLEAVER FOR LOW-DENSITY PARITY CHECK CODEWORD HAVING LENGTH OF 16200 AND CODE RATE OF 2/15 AND 16-SYMBOL MAPPING, AND BIT INTERLEAVING METHOD USING SAME**

[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 16 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**

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[72] KWON, SUN-HYOUNG, KR

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[72] LEE, JAE-YOUNG, KR

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[54] **ENTRELACEUR DE BITS POUR MOT CODE A CONTROLE DE PARITE FAIBLE DENSITE AYANT UNE LONGUEUR DE 16200 BITS ET UN TAUX DE CODE DE 2/15 ET UN MAPPAGE A 256 SYMBOLES, ET PROCEDE A ENTRELACEMENT DE BITS UTILISANT CELUI-CI**

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[72] KWON, SUN-HYOUNG, KR

[72] LIM, BO-MI, KR

[72] LEE, JAE-YOUNG, KR

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[54] **SUPPORT UTILITAIRE DOTE D'APPUI D'EXTREMITÉ A ELEMENTS TRANSVERSAUX PLIANTS**

[72] HANLON, JARED, US

[71] JS PRODUCTS, INC., US

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[41] 2016-07-29

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[54] **CAPUCHON DE MAGASIN**

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[72] DUKART, MICHAEL, US

[71] DUKART, MICHAEL, US

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[72] LEBLANC, DENIS, CA

[71] LEBLANC, DENIS, CA

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[54] **SYSTEME DE DESINFECTION DE LAVABO**

[72] CHILDRESS, JAMES J., US

[72] CLOUD, MARK L., US

[72] HILL, KAREN LEE, US

[71] THE BOEING COMPANY, US

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 [54] **A POCKET VENTILATOR DEVICE AND METHOD**
 [54] **UN DISPOSITIF DE VENTILATEUR DE POCHE ET UNE METHODE**
 [72] TURCOITTE, REMI, CA
 [72] DESHARNAIS, JEAN, CA
 [72] AUDET, NICOLAS, CA
 [71] ENERQUIN AIR INC., CA
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 [54] **TRANSFER SWITCH INCLUDING A LOAD MANAGEMENT SYSTEM AND ASSOCIATED METHOD**
 [54] **COMMUTATEUR DE TRANSFERT COMPORTANT UN MECANISME DE GESTION DE CHARGE ET METHODE ASSOCIEE**
 [72] LATHROP, TODD MATTHEW, US
 [72] POPOVICH, BERT, US
 [71] EATON CORPORATION, US
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 [54] **INSULATION DISPLACEMENT CONNECTOR WITH JOINED BLADE CONNECTORS**
 [54] **CONNECTEUR DE DEPLACEMENT D'ISOLANT DOTE DE RACCORDS A LAMES JOINTES**
 [72] KING, LLOYD HERBERT, JR., US
 [72] KEEVEN, JAMES, US
 [71] THE PATENT STORE, LLC, US
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 [54] **IMMERSION DEVICE FOR AN OPTICAL FIBER FOR MEASURING THE TEMPERATURE OF A MELT**
 [54] **DISPOSITIF D'IMMERSION DESTINE A UNE FIBRE OPTIQUE ET SERVANT A MESURER LA TEMPERATURE D'UN PRODUIT FONDU**
 [72] NEYENS, GUIDO JACOBUS, BE
 [72] THYS, MICHEL, BE
 [72] STEVENS, FRANK, BE
 [71] HERAEUS ELECTRO-NITE INTERNATIONAL N.V., BE
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 [54] **DISPOSITIF D'ADMINISTRATION PAR VOIE ORALE**
 [72] ATHANASSIOU, JEANETTE C. M. W., CA
 [71] ATHANASSIOU, JEANETTE C. M. W., CA
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 [54] **HEALTH MONITORING PNEUMATIC DEICER**
 [54] **DEGIVREUR PNEUMATIQUE SURVEILLANT L'ETAT FONCTIONNEL**
 [72] GIAMATI, MICHAEL JOHN, US
 [71] GOODRICH CORPORATION, US
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 [54] **SYSTEM AND CONTROLLING METHOD THEREOF FOR PERFORMING MEASUREMENTS OF AN EYE**
 [54] **SYSTEME ET METHODE DE CONTROLE ASSOCIEE DESTINEES A REALISER DES MESURES DE L'OEIL**
 [72] JEGLOORZ, TOBIAS, DE
 [71] WAVELIGHT GMBH, DE
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 [54] **SECTIONAL CONTROL CALIBRATION SYSTEM AND METHOD**
 [54] **SYSTEME ET METHODE D'ETALONNAGE DE CONTROLE SECTIONNEL**
 [72] HENRY, JAMES WAYNE, CA
 [72] GERVAIS, JOEL JOHN OCTAVE, CA
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 [54] **IMMERSION DEVICE FOR AN OPTICAL FIBER FOR MEASURING THE TEMPERATURE OF A MELT**
 [54] **DISPOSITIF D'IMMERSION DESTINE A UNE FIBRE OPTIQUE ET SERVANT A MESURER LA TEMPERATURE D'UN PRODUIT FONDU**
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 [72] THIJS, MICHEL, BE
 [72] STEVENS, FRANK, BE
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 [54] **DISPOSITIF DE CAMERA PORTABLE ET METHODE DE COMMANDE D'ENREGISTREMENT VIDEO DESTINEE AU DISPOSITIF DE CAMERA PORTABLE**
 [72] YAMAGUCHI, KAZUHIKO, JP
 [72] YOKOMITSU, YASUSHI, JP
 [72] TAGAWA, HARUO, JP
 [72] TANABIKI, RYOKO, JP
 [71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
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 [25] EN
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 [54] **AMELIORATIONS CONCERNANT DES RESEAUX DE LENTILLES**
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 [72] DAMOISEAU, HERVE, BE
 [71] SCHREDER, BE
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 [51] **Int.Cl. F21S 4/10 (2016.01) F21K 9/00 (2016.01) F21K 9/69 (2016.01) B64D 11/00 (2006.01) B64D 47/02 (2006.01) F21S 8/10 (2006.01) F21V 5/04 (2006.01)**
 [25] EN
 [54] **LIGHTING ASSEMBLY FOR INTERIOR CABIN OF A VEHICLE**
 [54] **APPAREIL D'ECLAIRAGE DESTINE A LA CABINE D'UN VEHICULE**
 [72] VALENTINE, WILLIAM HANSON, JR., US
 [72] PRINCE, BROCK, US
 [72] TREINEN, MATTHEW ROMAN, US
 [72] MEEROV, ALEXEY, US
 [71] THE BOEING COMPANY, US
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 [51] **Int.Cl. A61F 9/01 (2006.01)**
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 [54] **DEVICE FOR LASER TREATMENT OF A HUMAN EYE**
 [54] **APPAREIL DE TRAITEMENT AU LASER D'UN OEIL HUMAIN**
 [72] MARTIN, PETER, DE
 [71] WAVELIGHT GMBH, DE
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 [54] **SPA CABINET ATTACHMENT**
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 [72] MCLANE, MARK, US
 [72] HALES, ERIC, US
 [71] BULLFROG INTERNATIONAL, L.C., US
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 [13] A1
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 [54] **APPLICATEUR DE PINCE CHIRURGICALE DOTE D'UN OUTIL DE PINCE INTEGRE**
 [72] SHANKARSETTY, JEEVAN MADDUR, IN
 [71] COVIDIEN LP, US
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 [13] A1
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 [54] **FEEDING DEVICE FOR AN OPTICAL FIBER FOR MEASURING THE TEMPERATURE OF A MELT**
 [54] **DISPOSITIF D'ALIMENTATION DE FIBRE OPTIQUE DESTINE A MESURER LA TEMPERATURE D'UN PRODUIT FONDU**
 [72] NEYENS, GUIDO JACOBUS, BE
 [72] THIJS, MICHEL, BE
 [72] STEVENS, FRANK, BE
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[54] **UTILISATION DE CENDRE VOLANTE POUR TRAITER LA LIQUEUR RESIDUAIRE D-UN PROCEDE DE DESINTEGRATION THERMOMECHANIQUE**
[72] FATEHI, PEDRAM, CA
[72] OVEISSI, FARSHAD, CA
[71] LAKEHEAD UNIVERSITY, CA
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[13] A1

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[54] **DISPOSITIF ANTIRONFLEMENT SNORELOCK**
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[54] **PASTE APPLICATION DEVICE FOR THE MIXING OF A PASTE FROM TWO COMPONENTS**
[54] **DISPOSITIF D'APPLICATION DE PATE SERVANT A MELANGER UNE PATE FORMEE DE DEUX COMPOSANTES**
[72] VOGT, SEBASTIAN, DE
[71] HERAEUS MEDICAL GMBH, DE
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[72] SHI, JUN, US
[72] DEJULIO, EMIL R., US
[71] ROLLS-ROYCE CORPORATION, US
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[54] **PHOSPHATES DE POLYALKYLENE RENFERMANT DE L'HYDROXYL**
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[72] TEBBE, HEIKO, DE
[72] WITTPAHL, MICHAEL, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
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[54] **REVETEMENT DE MASQUE A VENTILATION SPONTANEE A PRESSION POSITIVE OFFRANT UN CONFORT AMELIORE**
[72] PAULK, JOHN NORMAN, US
[71] CPAP COMFORT COVER, LLC, US
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[54] **SYSTEME, METHODE ET APPAREIL DE JEU EN LIGNE**
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[71] KATZ, MARCUS A., US
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[54] **TORCHE AU PLASMA**
[72] LAURISCH, FRANK, DE
[72] GRUNDKE, TIMO, DE
[72] NOGOWSKI, RENE, DE
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[71] KJELLBERG-STIFTUNG, DE
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[25] FR
[54] **FOOTWEAR ARTICLE**
[54] **ELEMENT CHAUSSANT**
[72] GIRARD, FRANCOIS, FR
[72] MARGOLLIET, PHILIPPE, FR
[71] SALOMON S.A.S., FR
[22] 2016-01-12
[41] 2016-07-27
[30] FR (15/00158) 2015-01-27

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[13] A1
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[25] FR
[54] FOOTWEAR ARTICLE
[54] ELEMENT CHAUSSANT
[72] GIRARD, FRANCOIS, FR
[72] MARGOLLIET, PHILIPPE, FR
[71] SALOMON S.A.S., FR
[22] 2016-01-12
[41] 2016-07-27
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[13] A1
- [51] Int.Cl. F01D 19/00 (2006.01) F02C 7/26 (2006.01)
[25] EN
[54] METHOD OF STARTING A GAS TURBINE ENGINE
[54] METHODE DE DEMARRAGE D'UNE TURBINE A GAZ
[72] ROSS, STEVEN ALAN, US
[72] LINZ, MARK EDWARD, US
[72] GARRETT, JOSEPH DANIEL, III, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-01-14
[41] 2016-07-28
[30] US (14/607,401) 2015-01-28
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[13] A1
- [51] Int.Cl. H02K 1/22 (2006.01) H02K 1/27 (2006.01)
[25] EN
[54] AN ELECTRIC MOTOR ROTOR OPTIMIZED FOR GREAT POWERS
[54] UN ROTOR DE MOTEUR ELECTRIQUE OPTIMISE POUR LES GRANDES PUISSANCES
[72] BILLAUD, ANTOINE, FR
[72] MAUFFREY, THIBAUT, FR
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LTD, GB
[22] 2016-01-14
[41] 2016-07-27
[30] EP (15305088.5) 2015-01-27

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- [21] 2,918,026
[13] A1
- [51] Int.Cl. E03C 1/04 (2006.01) F16K 31/02 (2006.01)
[25] EN
[54] PULLDOWN KITCHEN FAUCET SPRING SPOUT
[54] BEC VERSEUR A RESSORT POUR ROBINET DE CUISINE A LEVIER ABAISSANT
[72] FOURMAN, TERRENCE L., US
[72] MOORE, JEFFREY L., US
[72] DAVIDSON, KYLE R., US
[72] SCHNEIDER, RANDY L., US
[72] SAWASKI, JOEL D., US
[72] NELSON, ALFRED C., US
[71] DELTA FAUCET COMPANY, US
[22] 2016-01-18
[41] 2016-07-26
[30] US (62/107,730) 2015-01-26
[30] US (14/996,974) 2016-01-15
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- [21] 2,918,073
[13] A1
- [51] Int.Cl. G08B 13/22 (2006.01) H04W 4/02 (2009.01) H04W 84/18 (2009.01) G06Q 10/06 (2012.01)
[25] EN
[54] IMPROVED ALARM ROUTING IN INTEGRATED SECURITY SYSTEM BASED ON SECURITY GUARD'S REAL-TIME LOCATION INFORMATION IN THE PREMISES FOR FASTER ALARM RESPONSE
[54] ACHEMINEMENT D'ALARME AMELIORE DANS UN SYSTEME DE SECURITE INTEGRE FONDE SUR L'INFORMATION D'EMPLACEMENT EN TEMPS REEL DE GARDIENS DE SECURITE SUR LES LIEUX EN VUE D'UNE REPONSE PLUS RAPIDE EN CAS D'ALARME
[72] MEGANATHAN, DEEPAK SUNDAR, US
[72] GOPINATH, VIVEK, US
[72] MANOHARAN, SIVARAJAN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-01-15
[41] 2016-07-27
[30] US (14/606,259) 2015-01-27

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[13] A1
- [51] Int.Cl. G08B 13/196 (2006.01) G08B 25/00 (2006.01)
[25] EN
[54] ANONYMOUS DISARM DETECT WITH BUILT-IN CAMERA
[54] DISPOSITIF DE DETECTION DE DESARMEMENT ANONYME EQUIPE D'UNE CAMERA INTEGREE
[72] DING, XIANLONG, US
[72] REN, GUOPENG, US
[72] MA, XINYU, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-01-15
[41] 2016-07-26
[30] US (14/605,439) 2015-01-26
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[13] A1
- [51] Int.Cl. E05F 15/668 (2015.01) E05F 15/73 (2015.01) G01L 5/00 (2006.01)
[25] EN
[54] AUTOMATIC CLOSURE SYSTEM IMPACT DETECTION
[54] DETECTION D'IMPACT SUR UN DISPOSITIF A FERMETURE AUTOMATIQUE
[72] DUMAIS, ERIK, CA
[71] DUMAIS, ERIK, CA
[22] 2016-01-18
[41] 2016-07-28
[30] US (62/108,703) 2015-01-28
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[13] A1
- [51] Int.Cl. B05C 21/00 (2006.01)
[25] EN
[54] PAINT ROLLER BUCKET
[54] SEAU POUR ROULEAU A PEINTURE
[72] VLAHAKIS, GEORGE S., US
[71] VLAHAKIS, GEORGE S., US
[22] 2016-01-20
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[30] US (14/606,261) 2015-01-27

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[13] A1
[51] **Int.Cl. G01C 11/00 (2006.01)**
[25] EN
[54] **SURVEY DATA PROCESSING DEVICE, SURVEY DATA PROCESSING METHOD, AND PROGRAM THEREFOR**
[54] **DISPOSITIF DE TRAITEMENT DES DONNEES DE SONDAGE, METHODE DE TRAITEMENT DES DONNEES DE SONDAGE ET PROGRAMME ASSOCIE**
[72] SASAKI, DAISUKE, JP
[72] FUKAYA, NOBUYUKI, JP
[72] OOTANI, HITOSHI, JP
[72] ANAI, TETSUJI, JP
[72] SASAKI, TAKESHI, JP
[71] KABUSHIKI KAISHA TOPCON, JP
[22] 2016-01-21
[41] 2016-07-28
[30] JP (2015-014291) 2015-01-28

[21] **2,918,420**
[13] A1
[51] **Int.Cl. A01K 15/02 (2006.01) A63H 3/31 (2006.01)**
[25] EN
[54] **ARTICLE INCLUDING A SOUND-PRODUCING MEMBER**
[54] **ARTICLE COMPORTANT UN ELEMENT PRODUISANT UN SON**
[72] WOLFE, JERRY J., JR., US
[72] BENSON, HAROLD KEITH, US
[71] STARMARK PET PRODUCTS, INC., US
[22] 2016-01-21
[41] 2016-07-27
[30] US (14/606,877) 2015-01-27

[21] **2,918,522**
[13] A1
[51] **Int.Cl. F02C 7/266 (2006.01) H01T 13/16 (2006.01) H01T 13/44 (2006.01) H01T 13/50 (2006.01)**
[25] EN
[54] **HIGH ENERGY IGNITION GENERATOR NOTABLY FOR A GAS TURBINE**
[54] **GENERATEUR D'ALLUMAGE HAUTE ENERGIE NOTAMMENT DESTINE A UNE TURBINE A GAZ**
[72] GIRARD, MICKAEL, FR
[72] GABOREL, GAEL, FR
[71] MEGGITT, FR
[22] 2016-01-20
[41] 2016-07-30
[30] FR (15 50736) 2015-01-30

[21] **2,918,550**
[13] A1
[51] **Int.Cl. G01C 11/00 (2006.01)**
[25] EN
[54] **SURVEY DATA PROCESSING DEVICE, SURVEY DATA PROCESSING METHOD, AND PROGRAM THEREFOR**
[54] **DISPOSITIF DE TRAITEMENT DES DONNEES DE SONDAGE, METHODE DE TRAITEMENT DES DONNEES DE SONDAGE ET PROGRAMME ASSOCIE**
[72] SASAKI, DAISUKE, JP
[72] FUKAYA, NOBUYUKI, JP
[72] OOTANI, HITOSHI, JP
[72] OSARAGI, KAZUKI, JP
[72] SASAKI, TAKESHI, JP
[72] ANAI, TETSUJI, JP
[71] KABUSHIKI KAISHA TOPCON, JP
[22] 2016-01-22
[41] 2016-07-28
[30] JP (2015-014293) 2015-01-28

[21] **2,918,552**
[13] A1
[51] **Int.Cl. G01C 11/00 (2006.01)**
[25] EN
[54] **SURVEY DATA PROCESSING DEVICE, SURVEY DATA PROCESSING METHOD, AND PROGRAM THEREFOR**
[54] **DISPOSITIF DE TRAITEMENT DES DONNEES DE SONDAGE, METHODE DE TRAITEMENT DES DONNEES DE SONDAGE ET PROGRAMME ASSOCIE**
[72] SASAKI, TAKESHI, JP
[72] ANAI, TETSUJI, JP
[72] OOTANI, HITOSHI, JP
[72] KOCHI, NOBUO, JP
[71] KABUSHIKI KAISHA TOPCON, JP
[22] 2016-01-22
[41] 2016-07-27
[30] JP (2015-013358) 2015-01-27

[21] **2,918,555**
[13] A1
[51] **Int.Cl. E03C 1/308 (2006.01)**
[25] EN
[54] **TRIANGULAR-SHAPED PLUNGER HEAD AND TOILET PLUNGER HAVING THE SAME**
[54] **TETE DE VENTOUSE DE FORME RECTANGULAIRE ET DEBOUCHOIR A VENTOUSE COMPORTANT LADITE TETE**
[72] GINTHER, ROBERT, CA
[71] GINTHER, ROBERT, CA
[22] 2016-01-21
[41] 2016-07-28
[30] US (62/108587) 2015-01-28

[21] **2,918,573**
[13] A1
[51] **Int.Cl. B65D 65/40 (2006.01) B65D 85/64 (2006.01)**
[25] EN
[54] **BEDDING PRODUCT PACKAGING AND PROCESS**
[54] **CONDITIONNEMENT DE PRODUIT DE LITERIE ET PROCEDE**
[72] JAN, FRANCIS G., US
[71] DREAMWELL, LTD., US
[22] 2016-01-21
[41] 2016-07-28
[30] US (62/108,746) 2015-01-28

[21] **2,918,623**
[13] A1
[51] **Int.Cl. A61L 2/22 (2006.01) A61L 2/10 (2006.01)**
[25] EN
[54] **ULTRAVIOLET AND MISTING DISINFECTING UNIT**
[54] **MODULE DE DESINFECTION A BRUMISATEUR ET ULTRAVIOLET**
[72] PAVER, STEPHEN J., JR., US
[71] E & C MANUFACTURING, LLC, US
[22] 2016-01-22
[41] 2016-07-26
[30] US (62/107,706) 2015-01-26
[30] US (62/164,775) 2015-05-21
[30] US (15/003,456) 2016-01-21

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[13] A1

[51] Int.Cl. B64D 31/06 (2006.01) B64C 27/12 (2006.01) B64D 31/00 (2006.01) B64D 35/04 (2006.01)

[25] FR

[54] **MONITORING DEVICE FOR A POWER TRANSMISSION SYSTEM IN AN AIRCRAFT, AIRCRAFT EQUIPPED WITH THIS DEVICE AND PROCESS USED**

[54] **DISPOSITIF DE SURVEILLANCE D'UN SYSTEME DE TRANSMISSION DE PUISSANCE D'UN AERONEF, UN AERONEF MUNI DE CE DISPOSITIF ET LE PROCEDE UTILISE**

[72] VALLART, JEAN-BAPTISTE, FR

[72] TAHERI, SETAREH, FR

[72] LEYDER, SAMUEL, FR

[71] AIRBUS HELICOPTERS, FR

[22] 2016-01-21

[41] 2016-07-29

[30] FR (15 00166) 2015-01-29

[21] 2,918,653
[13] A1

[51] Int.Cl. E06B 3/663 (2006.01)

[25] EN

[54] **INSULATING GLASS WITH LOAD-BEARING PROPERTIES**

[54] **VERRE ISOLANT AYANT DES PROPRIETES DE PORTEUR**

[72] KASSNEL-HENNEBERG, BRUNO, DE

[71] GLAS TROSCH HOLDING AG, CH

[22] 2016-01-22

[41] 2016-07-29

[30] CH (CH104/15) 2015-01-29

[21] 2,918,712
[13] A1

[51] Int.Cl. B29C 45/00 (2006.01)

[25] EN

[54] **UNDERCUT PROCESS**

[54] **PROCEDE DE COUPE SECONDAIRE**

[72] DIXON, KIRK, US

[72] PRICE, DAVID, US

[71] COSTAL PET PRODUCTS, INC., US

[22] 2016-01-25

[41] 2016-07-26

[30] US (14/605,528) 2015-01-26

[21] 2,918,714
[13] A1

[51] Int.Cl. A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/18 (2006.01) A61K 47/26 (2006.01) A61K 47/34 (2006.01)

[25] EN

[54] **STABLE AQUEOUS ANTIBODY FORMULATION**

[54] **FORMULE D'ANTICORPS AQUEUX STABLE**

[72] INGRAM, REBECCA LEE, US

[72] WEISER, SARAH ELIZABETH, US

[71] PFIZER INC., US

[22] 2016-01-25

[41] 2016-07-28

[30] US (62/108,811) 2015-01-28

[30] US (62/265,514) 2015-12-10

[21] 2,918,746
[13] A1

[51] Int.Cl. H02J 3/00 (2006.01) H02J 3/01 (2006.01) H02M 5/00 (2006.01)

[25] EN

[54] **FIVE PHASE POWER DISTRIBUTION SYSTEM**

[54] **MECANISME DE DISTRIBUTION A CINQ PHASES**

[72] DAMJANOVIC, ALEKSANDAR B., US

[72] DAMJANOVIC, NENAD P., US

[71] DAMJANOVIC, ALEKSANDAR B., US

[71] DAMJANOVIC, NENAD P., US

[22] 2016-01-20

[41] 2016-07-27

[30] US (14/606,551) 2015-01-27

[21] 2,918,754
[13] A1

[51] Int.Cl. C25B 13/02 (2006.01) B29C 45/14 (2006.01) C25B 1/04 (2006.01) C25B 9/18 (2006.01)

[25] EN

[54] **MEMBRANE MODULE**

[54] **MODULE A MEMBRANE**

[72] MCWHINNEY, CHRISTOPHER M., US

[72] ERBAUGH, DAVID C., US

[71] MCWHINNEY, CHRISTOPHER M., US

[22] 2016-01-25

[41] 2016-07-26

[30] US (14/605,496) 2015-01-26

[21] 2,918,758
[13] A1

[51] Int.Cl. H04N 21/433 (2011.01) H04N 21/4147 (2011.01) H04N 21/472 (2011.01)

[25] EN

[54] **BROADCAST SCHEDULE SYNCHRONIZED DIGITAL VIDEO RECORDER**

[54] **ENREGISTREUR VIDEO NUMERIQUE SYNCHRONISE A UN HORAIRE DE DIFFUSION**

[72] GORDHAN, SAGAR, GB

[71] ACCENTURE GLOBAL SERVICES LIMITED, IE

[22] 2016-01-25

[41] 2016-07-26

[30] US (14/605,852) 2015-01-26

[21] 2,918,772
[13] A1

[51] Int.Cl. C02F 11/04 (2006.01) C02F 11/12 (2006.01)

[25] EN

[54] **TREATMENT OF WASTE PRODUCTS WITH ANAEROBIC DIGESTION**

[54] **TRAITEMENT DE PRODUITS DE DECHET AU MOYEN DE LA DIGESTION ANAEROBIE**

[72] JOSSE, JUAN CARLOS, US

[71] ANAERGIA INC., CA

[22] 2016-01-25

[41] 2016-07-27

[30] US (62/108,145) 2015-01-27

[30] US (62/265,691) 2015-12-10

[21] 2,918,775
[13] A1

[51] Int.Cl. C22C 38/22 (2006.01) B22C 1/00 (2006.01) B22F 1/00 (2006.01) B22F 3/105 (2006.01) C22C 38/02 (2006.01)

[25] EN

[54] **STEEL POWDER AND MOLD USING THE SAME**

[54] **POUDRE D'ACIER ET MOULE EMPLOYANT LADITE POUDRE**

[72] KAWANO, MASAMICHI, JP

[71] DAIDO STEEL CO., LTD., JP

[22] 2016-01-25

[41] 2016-07-28

[30] JP (2015-014809) 2015-01-28

[30] JP (2015-161384) 2015-08-18

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[13] A1
[51] **Int.Cl. E06B 3/66 (2006.01)**
[25] EN
[54] **ENCAPSULATED INSULATED GLASS UNIT**
[54] **MODULE DE VERRE ISOLE ENCAPSULE**
[72] BIENICK, CRAIG (DECEASED), US
[72] HERRMANN, ROBERT, US
[72] BUXTON, BRETT, US
[71] SCHOTT GEMTRON CORPORATION, US
[22] 2016-01-25
[41] 2016-07-29
[30] US (14/608,877) 2015-01-29

[21] **2,918,792**
[13] A1
[51] **Int.Cl. F26B 15/18 (2006.01)**
[25] EN
[54] **UNIT FOR FEEDING PASTY PRODUCTS ONTO A BELT**
[54] **MODULE D'APPROVISIONNEMENT DE PRODUITS PATEUX SUR UNE COURROIE**
[72] BALDAUF, HEINZ, DE
[72] KROEHL, PAUL, DE
[71] ANDRITZ TECHNOLOGY AND ASSET MANAGEMENT GMBH, AT
[22] 2016-01-25
[41] 2016-07-30
[30] AT (A 50073/2015) 2015-01-30

[21] **2,918,870**
[13] A1
[51] **Int.Cl. F16L 19/065 (2006.01) F16L 19/06 (2006.01) F16L 19/08 (2006.01)**
[25] EN
[54] **GRIP ELEMENTS FOR GRIP RING**
[54] **ELEMENTS PREHENSEURS POUR ANNEAU DE PREHENSION**
[72] CHIPROOT, AVI, IL
[71] ELIEZER KRAUSZ INDUSTRIAL DEVELOPMENT LTD., IL
[22] 2016-01-20
[41] 2016-07-27
[30] US (14/606,179) 2015-01-27

[21] **2,918,903**
[13] A1
[51] **Int.Cl. B65D 1/40 (2006.01)**
[25] EN
[54] **SWIRL BELL BOTTLE WITH WAVY RIBS**
[54] **BOUTEILLE CLOCHE A TOURBILLON COMPORTANT DES NERVURES ONDULEES**
[72] HANAN, JAY CLARKE, US
[71] NIAGARA BOTTLING, LLC, US
[22] 2016-01-26
[41] 2016-07-30
[30] US (14/610,940) 2015-01-30

[21] **2,918,912**
[13] A1
[51] **Int.Cl. H02J 1/12 (2006.01) H02H 7/26 (2006.01)**
[25] EN
[54] **DIRECT CURRENT POWER SYSTEM**
[54] **DISPOSITIF D'ALIMENTATION EN COURANT CONTINU**
[72] TENCA, PIERLUIGI, US
[72] SIHLER, CHRISTOF MARTIN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-01-21
[41] 2016-07-30
[30] US (14/609,991) 2015-01-30

[21] **2,918,913**
[13] A1
[51] **Int.Cl. B64D 13/02 (2006.01) F02C 9/18 (2006.01) F04F 5/16 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AIR MANAGEMENT OF AIRCRAFT SYSTEMS**
[54] **METHODE ET SYSTEME DE GESTION DE L'AIR DES SYSTEMES D'AERONEF**
[72] MASON, JEFFREY LEE, US
[72] SCHOFIELD, RONALD BRUCE, US
[72] RAY, SETH MICHAEL, US
[72] SCHUMACHER, BENJAMIN JAMES, US
[72] BONAR, JAMES FITZGERALD, US
[72] MOORE, GEORGE ELLIOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-01-21
[41] 2016-07-30
[30] US (14/609,964) 2015-01-30

[21] **2,918,914**
[13] A1
[51] **Int.Cl. G01M 15/04 (2006.01) F02B 77/08 (2006.01) F02D 13/02 (2006.01) F02D 45/00 (2006.01) G01L 23/22 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING OPERATING EVENTS OF AN ENGINE**
[54] **SYSTEMES ET METHODES DE DETECTION DES EVENEMENTS FONCTIONNELS D'UN MOTEUR**
[72] BIZUB, JEFFREY JACOB, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-01-21
[41] 2016-07-29
[30] US (14/609,416) 2015-01-29

[21] **2,918,916**
[13] A1
[51] **Int.Cl. E06B 1/60 (2006.01)**
[25] EN
[54] **MULL SYSTEM FOR WINDOWS AND DOORS**
[54] **DISPOSITIF DE SAILLIE POUR PORTES ET FENETRES**
[72] SAUNDERS, MELVIN, US
[72] KUNEMAN, MICHAEL, US
[71] MILGARD MANUFACTURING INCORPORATED, US
[22] 2016-01-22
[41] 2016-07-29
[30] US (14/609,384) 2015-01-29

[21] **2,918,917**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01) F03D 80/00 (2016.01) B64C 3/36 (2006.01) B64C 21/10 (2006.01) B64C 23/06 (2006.01) F15D 1/10 (2006.01)**
[25] EN
[54] **VORTEX GENERATOR FOR A ROTOR BLADE**
[54] **GENERATEUR DE TOURBILLON POUR PALE DE ROTOR**
[72] TOBIN, JAMES ROBERT, US
[72] HERR, STEFAN, US
[72] RIDDELL, SCOTT GABELL, US
[72] BOOTH, MICHAEL CHRISTOPHER, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-01-21
[41] 2016-07-30
[30] US (14/610,041) 2015-01-30

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[13] A1

[51] Int.Cl. F25C 1/22 (2006.01) F25C 5/04 (2006.01)
[25] EN
[54] AUTOMATIC ICE MAKING DEVICE
[54] APPAREIL DE FABRICATION DE GLACE AUTOMATIQUE
[72] GARCIA GONZALEZ, JOSE RAMON DAVID, MX
[72] DUARTE DE ROBLES, LAZARO, MX
[71] MABE, S. A. DE C.V., MX
[22] 2016-01-21
[41] 2016-07-30
[30] MX (MX/A/2015/001519) 2015-01-30

[21] 2,918,919
[13] A1

[51] Int.Cl. G01S 17/02 (2006.01) G01S 17/58 (2006.01)
[25] EN
[54] DEVICE FOR OBJECT PROTECTION BY MEANS OF LASER SCANNERS
[54] DISPOSITIF DE PROTECTION D'OBJET AU MOYEN DE MECANISMES DE BALAYAGE LASER
[72] RIEGL, URSULA, AT
[72] RIEGL, JOHANNES, AT
[72] PFENNIGBAUER, MARTIN, AT
[71] RIEGL LASER MEASUREMENT SYSTEMS GMBH, AT
[22] 2016-01-21
[41] 2016-07-28
[30] EP (15152921.1) 2015-01-28

[21] 2,918,956
[13] A1

[51] Int.Cl. A61B 1/00 (2006.01) A61H 1/00 (2006.01) A63B 23/04 (2006.01)
[25] EN
[54] DEVICE FOR CONTROLLING THE TRAINING AND THE THERAPEUTIC TREATMENT AND/OR FOR SUPPORTING THE LOWER EXTREMITIES OF A HUMAN
[54] DISPOSITIF DE CONTROLE DE L'ENTRAINEMENT ET DU TRAITEMENT THERAPEUTIQUE OU DE SOUTIEN AUX EXTREMITES INFERIEURES DU CORPS HUMAIN
[72] WALDNER, RUPERT, IT
[72] WALDNER, JULIUS MICHAEL, IT
[72] TOMELLERI, CHRISTOPHER, IT
[71] VILLA MELITTA GMBH, IT
[22] 2016-01-25
[41] 2016-07-28
[30] EP (15 000 260.8) 2015-01-28

[21] 2,918,977
[13] A1

[51] Int.Cl. B25H 1/06 (2006.01) B25H 1/00 (2006.01)
[25] EN
[54] SAWHORSE SHELF HINGE FEATURE
[54] FONCTIONNALITE DE CHARNIERE DE TABLETTE POUR CHEVALET DE SCIAGE
[72] REINHART, NICKOLAS, US
[71] CREATIVE PLASTIC CONCEPTS, LLC, US
[22] 2016-01-25
[41] 2016-07-29
[30] US (62/109,354) 2015-01-29

[21] 2,919,028
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[25] EN
[54] A METHOD OF PRODUCING HIGHER ALCOHOLS
[54] UN PROCEDE DE PRODUCTION D'ALCOOLS SUPERIEURS
[72] HAAS, THOMAS, DE
[72] BULTER, THOMAS, DE
[72] DEMLER, MARTIN, DE
[71] EVONIK DEGUSSA GMBH, DE
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[41] 2016-07-28
[30] EP (15152867.6) 2015-01-28

[21] 2,919,029
[13] A1

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[25] EN
[54] AN AEROBIC METHOD OF PRODUCING ALCOHOLS
[54] UN PROCEDE AEROBIE DESTINE A LA PRODUCTION D'ALCOOL
[72] HAAS, THOMAS, DE
[72] BULTER, THOMAS, DE
[72] DEMLER, MARTIN, DE
[72] BECK, SIMON, DE
[71] EVONIK DEGUSSA GMBH, DE
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[41] 2016-07-28
[30] EP (15152866.8) 2015-01-28

[21] 2,919,031
[13] A1

[51] Int.Cl. A47J 31/44 (2006.01) A47J 31/24 (2006.01)
[25] EN
[54] BEVERAGE BREWING DEVICE FOR AUTOMATICALLY BREWING AND DISPENSING SINGLE CUP QUANTITIES OF BEVERAGE THROUGH A VENDING MACHINE WITH MINIMAL MANUAL PARTICIPATION
[54] APPAREIL DE PREPARATION DE BOISSON DESTINE A LA PREPARATION ET A LA DISTRIBUTION AUTOMATIQUES DE QUANTITES D-UN GOBELET A LA FOIS D-UNE BOISSON PAR UNE MACHINE DISTRIBUTRICE ET DEMANDANT UNE INTERVENTION MANUELLE MINIMALE
[72] BRANDSMA, DAVID L., US
[72] WEBSTER, JOSEPH P., US
[71] NEWCO ENTERPRISES, INC., US
[22] 2016-01-26
[41] 2016-07-29
[30] US (14/544,650) 2015-01-29

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[13] A1

[51] Int.Cl. B28B 21/80 (2006.01) B28B 21/30 (2006.01)

[25] EN

[54] **CONCRETE POLE MOULD AND MANUFACTURING METHOD THEREFOR USING CENTRIFUGAL FORCE WITH EXCHANGEABLE INNER MOULDS**

[54] **MOULE DE POTEAU EN BETON ET PROCEDE DE FABRICATION ASSOCIE EMPLOYANT LA FORCE CENTRIFUGE ET DES MOULES INTERIEURS ECHANGEABLES**

[72] YOON, HEE SUN, KR

[72] LIM, MYUNG SECK, KR

[71] WON, PU SONG, US

[22] 2016-01-25

[41] 2016-07-26

[30] KR (1020150012163) 2015-01-26

[21] 2,919,092
[13] A1

[51] Int.Cl. A47C 7/00 (2006.01)

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[54] **THREE POINT ADIRONDACK CHAIR**

[54] **CHAISE ADIRONDACK A TROIS POINTS**

[72] MILDE, PAUL G., US

[71] MILDE, PAUL G., US

[22] 2016-01-27

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[21] 2,919,101
[13] A1

[51] Int.Cl. G06Q 10/10 (2012.01)

[25] EN

[54] **METHODS AND SYSTEMS FOR MANAGING INDIVIDUALS**

[54] **METHODES ET SYSTEMES DE GESTION DE PERSONNEL**

[72] PINARD, DEBBIE, CA

[72] PINARD, MELISSA, CA

[72] BAMFORD, SCOTT, CA

[71] INITLIVE INC., CA

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[13] A1

[51] Int.Cl. G05B 19/042 (2006.01) H04W 8/26 (2009.01) H04W 48/16 (2009.01) F24F 11/00 (2006.01)

[25] EN

[54] **ENVIRONMENT CONTROL DEVICE (ECD) AND METHOD FOR CONFIGURING THE ECD TO OPERATE A WI-FI COMMUNICATION INTERFACE**

[54] **DISPOSITIF DE CONTROLE D'ENVIRONNEMENT (DCE) ET METHODE DE CONFIGURATION DU DCE EN VUE DE FAIRE FONCTIONNER UNE INTERFACE DE COMMUNICATION WI-FI**

[72] BRETON, DANNY, CA

[71] DISTECH CONTROLS INC, CA

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[30] US (62/108,576) 2015-01-28

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[13] A1

[51] Int.Cl. A62B 17/00 (2006.01) A41D 1/00 (2006.01) A41D 13/00 (2006.01) A41D 31/02 (2006.01)

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[54] **INSULATING GARMENT FOR FIREFIGHTER BUNKER GEAR**

[54] **VETEMENT ISOLANT POUR TENUE DE FEU DE POMPIER**

[72] BIBEAU, LOUIS, CA

[71] LOGISTIK UNICORP INC., CA

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[13] A1

[51] Int.Cl. B05B 1/02 (2006.01) H01J 49/04 (2006.01)

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[54] **MICRO-NOZZLE ARRAY**

[54] **RESEAU DE MICRO-BUSES**

[72] OLESCHUK, RICHARD D., CA

[72] FU, YUEQIAO, CA

[72] GIBSON, GRAHAM, CA

[72] HUTAMA, TIM, CA

[71] QUEEN'S UNIVERSITY AT KINGSTON, CA

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[13] A1

[51] Int.Cl. G08B 21/18 (2006.01) G08B 25/10 (2006.01) G01N 27/26 (2006.01)

[25] EN

[54] **GAS-MONITORING APPARATUS FOR DETECTING BOWEL MOVEMENTS AND METHODS OF USE**

[54] **APPAREIL DE SURVEILLANCE DE GAZ SERVANT A DETECTER LES MOUVEMENTS INTESTINAUX ET METHODES D-UTILISATION**

[72] ANSLEY, BRAD W., US

[71] SENSOR TECHNOLOGIES, LLC, US

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[30] US (14/606,494) 2015-01-27

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[13] A1

[51] Int.Cl. E21B 10/32 (2006.01)

[25] EN

[54] **INTELLIGENT BORING TOOL**

[54] **OUTIL DE FORAGE INTELLIGENT**

[72] HEBERT, JACKLIN, CA

[72] GARANT, JEAN, CA

[71] HEBERT, JACKLIN, CA

[71] GARANT, JEAN, CA

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[21] 2,919,149
[13] A1

[51] Int.Cl. B28B 7/24 (2006.01) B28B 13/06 (2006.01)

[25] EN

[54] **REINFORCED MOLD FOR CASTING CONCRETE BLOCKS**

[54] **MOULE RENFORCE DESTINE AU MOULAGE DE BLOCS DE BETON**

[72] MANTHEI, JOSHUA S., US

[71] ROSETTA HARDSCAPES, LLC, US

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[25] EN
[54] **ROTATABLE CAMERA SUPPORT**
[54] **SUPPORT DE CAMERA PIVOTANT**
[72] BELLERIVE, ANDRE, CA
[72] BJERRING, MARC, CA
[71] SPIVO INC., CA
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[30] US (62/109,278) 2015-01-29

[21] 2,919,176
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[51] Int.Cl. B65D 1/34 (2006.01) B65D 21/032 (2006.01)
[25] EN
[54] **STACKABLE INTERLOCKING TRAY SYSTEM**
[54] **SYSTEME DE PLATEAUX EMBOITANT EMPILABLES**
[72] MORIN, FRANCOIS, CA
[71] RONTI INDUSTRIES INC., CA
[22] 2016-01-28
[41] 2016-07-28
[30] US (62/108,981) 2015-01-28
[30] US (15/008,170) 2016-01-27

[21] 2,919,207
[13] A1

[51] Int.Cl. B25H 1/06 (2006.01)
[25] EN
[54] **SAWHORSE SHELF HINGE FEATURE**
[54] **FONCTIONNALITE DE CHARNIERE DE TABLETTE POUR CHEVALET DE SCIAGE**
[72] REINHART, NICKOLAS, US
[71] CREATIVE PLASTIC CONCEPTS, LLC, US
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[13] A1

[51] Int.Cl. G07F 17/32 (2006.01) A63F 13/35 (2014.01) A63F 13/493 (2014.01)
[25] EN
[54] **COMPUTER GAME SYSTEM**
[54] **SYSTEME DE JEU INFORMATIQUE**
[72] MAUPAS-LOUDINOT, JEAN-BAPTISTE, FR
[72] EGAL, GERSENDE, FR
[72] GREMY, LUDOVIC PHILIPPE, FR
[72] DROT, GUILLAUME ALAIN, FR
[72] GUYOT, OLIVIER, FR
[71] LA FRANCAISE DES JEUX, FR
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[13] A1

[51] Int.Cl. C07C 51/353 (2006.01) C07C 1/20 (2006.01) C07C 1/207 (2006.01) C07C 59/347 (2006.01)
[25] EN
[54] **METHOD FOR CATALYTIC CONVERSION OF KETOACIDS AND HYDROTREATMENT TO HYDROCARBONS**
[54] **PROCEDE DE CONVERSION CATALYTIQUE DE CETOACIDES ET HYDROTRAITEMENT DESTINE AUX HYDROCARBURES**
[72] MYLLYOJA, JUKKA, FI
[72] PILOLA, RAMI, FI
[72] SELANTAU, MAARIA, FI
[72] KARVINEN, ESKO, FI
[71] NESTE OYJ, FI
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[21] 2,919,224
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[51] Int.Cl. C07C 51/353 (2006.01) C07C 1/20 (2006.01) C07C 1/207 (2006.01) C07C 59/347 (2006.01)
[25] EN
[54] **METHOD FOR CATALYTIC CONVERSION OF KETOACIDS VIA KETOACID DIMER INTERMEDIATE AND HYDROTREATMENT TO HYDROCARBONS**
[54] **PROCEDE DE CONVERSION CATALYTIQUE DE CETOACIDES AU MOYEN D'INTERMEDIAIRE ATTENUANT LE CETOACIDE ET HYDROTRAITEMENT DESTINE AUX HYDROCARBURES**
[72] MYLLYOJA, JUKKA, FI
[72] PILOLA, RAMI, FI
[72] SELANTAU, MAARIA, FI
[72] KALDSTROM, MATS, FI
[72] LINDBLAD, MARINA, FI
[72] IKONEN, ELIAS, FI
[71] NESTE OYJ, FI
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[25] EN
[54] **METHOD AND INSTALLATION FOR PRODUCING HOLLOW MICROBEADS OF GLASS**
[54] **METHODE ET INSTALLATION DESTINEES A LA PRODUCTION DE MICROBILLES CREUSES EN VERRE**
[72] DENNERT, HANS VEIT, DE
[71] DENNERT PORAVER GMBH, DE
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[30] DE (10 2015 201 681.1) 2015-01-30

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[13] A1

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[25] EN
[54] **POWERED PIVOT SYSTEM FOR IMPLEMENT ASSEMBLY**
[54] **MECANISME DE PIVOT ALIMENTE DESTINE A UN DISPOSITIF D'ACCESSOIRE**
[72] AUBIN-MARCHAND, JEREMIE, CA
[72] PROVENCHER, KAREN, CA
[72] ROY, TOMMY, CA
[72] ROY, NORMAND, CA
[72] BERGERON, MICHAEL, CA
[71] SOUCY INTERNATIONAL INC., CA
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[21] 2,919,277
[13] A1

[51] **Int.Cl. C09K 8/80 (2006.01) E21B 43/267 (2006.01)**
[25] EN
[54] **PROPPANT TREATMENT WITH POLYMERIZABLE NATURAL OILS**
[54] **TRAITEMENT D'AGENT DE SOUTÈNEMENT AU MOYEN D'HUILES NATURELLES POLYMERISABLES**
[72] ZHANG, KEWEI, CA
[72] WANG, CHUANZHONG, CA
[72] LIU, WEIBING, CA
[72] LIU, LEO, CA
[71] TRICAN WELL SERVICE LTD., CA
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[30] CA (2,880,646) 2015-01-30

[21] 2,919,281
[13] A1

[51] **Int.Cl. H01M 8/04537 (2016.01) H01M 8/04858 (2016.01)**
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[54] **NON-INVASIVE MEASUREMENT METHOD FOR CONTROLLING THE FUNCTIONING OF A MEMBRANE FUEL CELL**
[54] **METHODE DE MESURE NON INVASIVE DESTINEE A CONTROLER LE FONCTIONNEMENT D'UNE PILE A COMBUSTIBLE A MEMBRANE**
[72] BIGARRE, JANICK, FR
[72] GALIANO, HERVE, FR
[72] BUVAT, PIERRICK, FR
[72] MARTEMIANOV SERGUEI, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
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[30] FR (15 50 653) 2015-01-28

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[25] EN
[54] **FLUID REMOVAL FROM A SUMP WITH ELECTRONIC CONTROL AND FLUID TYPE SEPARATION**
[54] **EXTRACTION DE FLUIDE D'UN PUISARD A L'AIDE D'UNE COMMANDE ELECTRONIQUE ET SEPARATION DE TYPE FLUIDE**
[72] BIALICK, RICHARD, US
[72] AASEBY, BRITT, US
[72] DUBBE, DAVID, US
[72] SCHUMACHER, PAUL, US
[71] IZO GONE, LLC, US
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[25] EN
[54] **ELECTRICAL CONNECTORS AND RELATED METHODS**
[54] **RACCORDES ELECTRIQUES ET METHODES ASSOCIEES**
[72] NELSON, MICHAEL, US
[72] VANHIEL, BRIAN, US
[72] CHARLES, KIRK, US
[72] AMBRECHT, ADAM, US
[71] HOMER T.L.C. INC., US
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[30] US (14/609,302) 2015-01-29
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[13] A1

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[25] EN
[54] **TOE INITIATOR VALVE HAVING AN ASSOCIATED OBJECT CATCHING SEAT**
[54] **VANNE A ACTIONNEUR DE POINTE COMPORTANT UN SIEGE DE SAISIE D-OBJET ASSOCIE**
[72] ALDRIDGE, DON, US
[72] CADENA, ISAAC AVILES, US
[72] KESHISHIAN, AFOU, US
[72] CROMER, CHRISTOPHER, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[41] 2016-07-30
[30] US (62/110,188) 2015-01-30

[21] 2,919,339
[13] A1

[51] **Int.Cl. G06Q 10/00 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **IMPACT ANALYSIS OF SERVICE MODIFICATIONS IN A SERVICE ORIENTED ARCHITECTURE**
[54] **ANALYSE D'IMPACT DE MODIFICATIONS DE SERVICE DANS UNE ARCHITECTURE ORIENTEE SERVICE**
[72] CORCORAN, IAN, US
[71] FMR LLC, US
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 [25] EN
 [54] **CONTINUOUS HINGE**
 [54] **CHARNIERE CONTINUE**
 [72] SMALLS, DAMOND MAURICE, US
 [71] PEMKO MANUFACTURING COMPANY, INC., US
 [22] 2016-01-27
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[21] **2,919,348**
 [13] A1

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 [25] EN
 [54] **HEADER TRACK WITH STUD RETENTION FEATURE**
 [54] **GUIDE PRINCIPAL DOTE DE FONCTIONNALITE DE RETENUE DE MONTANT**
 [72] PILZ, DONALD ANTHONY, US
 [71] CALIFORNIA EXPANDED METAL PRODUCTS COMPANY, US
 [22] 2016-01-26
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 [30] US (62/108,249) 2015-01-27
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[21] **2,919,350**
 [13] A1

[51] **Int.Cl. G06Q 50/32 (2012.01)**
 [25] EN
 [54] **POSTAL FABRIC GENERATION**
 [54] **GENERATION DE TISSU POSTAL**
 [72] POWELL, PETER O., CA
 [71] NEOPOST TECHNOLOGIES, FR
 [22] 2016-01-29
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 [13] A1

[51] **Int.Cl. A61L 2/10 (2006.01) A61L 2/24 (2006.01)**
 [25] EN
 [54] **DEVICE AND METHOD FOR SANITIZING GAS AND WATER**
 [54] **DISPOSITIF ET METHODE D'ASSAINISSEMENT DE GAZ ET D'EAU**
 [72] KIREMITCI, KIRKOR, CA
 [71] KIREMITCI, KIRKOR, CA
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 [13] A1

[51] **Int.Cl. F21V 13/04 (2006.01) F21K 9/60 (2016.01) F21V 5/00 (2015.01) F21V 7/04 (2006.01)**
 [25] EN
 [54] **WALL WASHER LIGHTING SYSTEM WITH LIGHT EMITTER, OPTICAL LENS AND REFLECTOR**
 [54] **SYSTEME D'ECLAIRAGE LECHE-MUR COMPORTANT UN DISPOSITIF EMETTEUR DE LUMIERE, UNE LENTILLE OPTIQUE ET UN REFLECTEUR**
 [72] WANG-MUNSON, DAN, US
 [71] RAB LIGHTING INC., US
 [22] 2016-01-29
 [41] 2016-07-30
 [30] US (62/109,837) 2015-01-30

[21] **2,919,485**
 [13] A1

[51] **Int.Cl. B63B 27/00 (2006.01) B63B 23/26 (2006.01) B63B 27/08 (2006.01) B63B 27/16 (2006.01) B66D 3/04 (2006.01) B66D 3/18 (2006.01)**
 [25] EN
 [54] **PORTABLE DAVIT**
 [54] **BOSSOIR PORTABLE**
 [72] ALMEDA, BENJAMIN M., US
 [72] ALMEDA, PATRICK B., US
 [71] ALMEDA, PATRICK B., US
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 [41] 2016-07-29
 [30] US (14/609,365) 2015-01-29

[21] **2,919,491**
 [13] A1

[51] **Int.Cl. B08B 3/02 (2006.01) B05B 7/16 (2006.01)**
 [25] EN
 [54] **HIGH EFFICIENCY HOT WATER PRESSURE WASHER**
 [54] **LAVEUSE A HAUTE PRESSION D'EAU ET HAUTE EFFICACITE**
 [72] LINTON, PAUL, US
 [72] CORSINE, THOMAS E., US
 [72] CHARLSON, GARY G., US
 [72] PLUMMER, DANA SEAN, US
 [71] KARCHER NORTH AMERICA, INC., US
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 [41] 2016-07-30
 [30] US (62/110,158) 2015-01-30
 [30] US (62/120,452) 2015-02-25

[21] **2,919,493**
 [13] A1

[51] **Int.Cl. A47J 19/02 (2006.01)**
 [25] EN
 [54] **GARLIC PRESS**
 [54] **PRESSE-AIL**
 [72] WONG, WAI HANG, HK
 [71] ABDOLALLY EBRAHIM HOUSEWARES LIMITED, HK
 [22] 2016-01-29
 [41] 2016-07-30
 [30] US (62/110,162) 2015-01-30
 [30] US (15/008,782) 2016-01-28

[21] **2,919,494**
 [13] A1

[51] **Int.Cl. B08B 9/043 (2006.01)**
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 [54] **DRAIN CLEANING APPARATUS**
 [54] **APPAREIL DE NETTOYAGE DE DRAIN**
 [72] BECK, HAROLD KENT, US
 [72] AHUJA, SANJAY, US
 [72] HODGSON, STEPHEN S., US
 [71] PF WATERWORKS LP, US
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 [41] 2016-07-30
 [30] US (62/109,743) 2015-01-30
 [30] US (15/009,613) 2016-01-28

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[13] A1
[51] **Int.Cl. E01F 15/08 (2006.01) E01F 15/02 (2006.01) E01F 15/10 (2006.01)**
[25] EN
[54] **PEDESTRIAN BARRIER AND BARRIER SYSTEM**
[54] **BARRIERE DESTINEE AUX PIETONS ET MECANISME DE BARRIERE**
[72] WELCH, JAMES B., US
[72] PYDE, DONALD C., US
[71] TRINITY HIGHWAY PRODUCTS, LLC, US
[22] 2016-01-29
[41] 2016-07-30
[30] US (62/110,073) 2015-01-30

[21] **2,919,526**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **CONCEPTS FOR ADDRESS PREDICTION OR CORRECTION**
[54] **CONCEPTS DE TRAITEMENT DE PREDICTION OU DE CORRECTION**
[72] SHIAH, MILIN, US
[72] ROUSH, MICHAEL, US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
[22] 2016-01-29
[41] 2016-07-30
[30] US (14/609,570) 2015-01-30
[30] US (14/609,890) 2015-01-30
[30] US (14/609,914) 2015-01-30
[30] US (14/610,023) 2015-01-30

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[54] **ARTICLE DE CHAUSSURE SOUPLE ET PROCEDE DE FABRICATION ASSOCIE**
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[72] THORPE, DAVID, US
[72] LAZELL, ALAN, CN
[71] WOLVERINE WORLD WIDE, INC., US
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[54] **DEVICE AND METHOD FOR SANITIZING GAS AND WATER**
[54] **DISPOSITIF ET METHODE D'ASSAINISSEMENT DE GAZ ET D'EAU**
[72] KIREMITCI, KIRKOR, CA
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[54] **ENHANCED POSITIVE AIRWAY PRESSURE INTERFACE**
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[54] **CLOSURE ASSEMBLY AND A METHOD OF MAKING THE SAME**
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[72] WANG, KUEI-YUNG, TW
[71] NAN YA PLASTICS CORPORATION, TW
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[54] **GAMES TABLES AND CORNER ASSEMBLIES FOR SAME**
[54] **TABLES DE JEU ET DISPOSITIFS DE COIN ASSOCIES**
[72] FUNG, MAK SIU, CN
[72] SHING, LEUNG CHEONG, CN
[72] FISCELLA, ANTHONY, CN
[72] PAVEY, MARK, CN
[71] MERCHANT AMBASSADOR (HOLDINGS) LTD., CN
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[54] **CASSETTE DISTRIBUTRICE DE FILMS ET SAC ENCADRE POUR RECIPIENT A ORDURES**
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[71] ANGELCARE DEVELOPMENT INC., CA
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[54] **DISPOSITIFS, MECANISMES, TROUSSES ET PROCEDES DE FIXATION D'IMPLANT**
[72] SCRUGGS, PHILIP CHARLES, US
[72] O'KANE, TIMOTHY MICHAEL, US
[72] THOREN, BRIAN, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
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[72] PARK, JONGMIN, KR
[72] AN, JAEHO, KR
[72] KIM, HYEONJUN, KR
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[54] **INK COMPOSITION FOR HIGH-QUALITY/HIGH-DEFINITION SCREEN PRINTING, PRINTED MATTER PRODUCED BY THE SCREEN PRINTING INK COMPOSITION, AND METHOD FOR PRODUCING THE PRINTED MATTER**
[54] **COMPOSITION D'ENCRE DESTINEE A LA SERIGRAPHIE HAUTE QUALITE/HAUTE DEFINITION, MATIERE IMPRIMEE PRODUITE AU MOYEN DE LA COMPOSITION D'ENCRE DESTINEE A LA SERIGRAPHIE, ET METHODE DE PRODUCTION DE LA MATIERE IMPRIMEE**
[72] OGATA, TOMOMI, JP
[72] TORIHATA, TAKUYA, JP
[72] TAKADA, NAOTO, JP
[71] TEIKOKU PRINTING INKS MFG. CO., LTD., JP
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[25] EN
[54] **TRACK CORNER CONNECTING DEVICE FOR SHOWER DOOR, SHOWER DOOR FRAME AND SHOWER DOOR**
[54] **DISPOSITIF DE CONNEXION DE COIN DE RAIL POUR PORTE DE DOUCHE, CADRE DE PORTE DE DOUCHE ET PORTE DE DOUCHE**
[72] WEI, WUXIANG, CN
[71] IDEAL SANITARY WARE CO., LTD., AF
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[87] (2931472)

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[54] **TRACK CORNER CONNECTING DEVICE FOR SHOWER DOOR, SHOWER DOOR FRAME AND SHOWER DOOR**
[54] **DISPOSITIF DE CONNEXION DE COIN DE RAIL POUR PORTE DE DOUCHE, CADRE DE PORTE DE DOUCHE ET PORTE DE DOUCHE**
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[54] **CONNECTING DEVICE AND SHOWER DOOR ASSEMBLY INCLUDING THE CONNECTING DEVICE**
[54] **DISPOSITIF DE CONNEXION ET ENSEMBLE DE PORTE DE DOUCHE COMPRENANT LE DISPOSITIF DE CONNEXION**
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[71] IDEAL SANITARY WARE CO., LTD., AF
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[54] PROCEDE DE FORMATION D'UN DIACIDE AROMATIQUE ET/OU D'UN PRECURSEUR DE DIACIDE AROMATIQUE A PARTIR D'UNE CHARGE CONTENANT DU POLYESTER
[72] SCHMIDT, GREGORY, US
[72] BARTOS, THOMAS, US
[72] JOSHI, AJAY, US
[72] BITSCH-LARSEN, ANDERS, US
[72] METELSKI, PETER, US
[72] LEONARDI, DANIEL, US
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[54] MODULE DISTRIBUTEUR DE BOISSONS ET POCHE SOUPLE
[72] GUY, IAN ALLAN, FR
[72] LIDDELL, SARAH HELEN, FR
[72] KELLY, STEVEN JOHN, FR
[72] GADD, JAMES ASHLEY, FR
[72] FORAN, TOM, FR
[72] DE SAULES, STEPHEN PHILIP, FR
[71] PERNOD RICARD SA, FR
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[71] T&L SUGARS LIMITED, GB
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[54] ELEMENT FILTRANT AYANT UNE DOUBLE CAPACITE DE FILTRATION ET ENSEMBLE FILTRE
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[72] RIES, JEFFREY R., US
[71] CATERPILLAR INC., US
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[72] EMILSEN, MORTEN, NO
[72] KIELMAN, FEDDE, NL
[72] ANDREASEN, BENT K., DK
[72] HANSEN, TORGEIR, NO
[72] HAUGLAND, LARS PETTER, NO
[71] PRAXAIR TECHNOLOGY, INC., US
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[72] HANSEN, TORGEIR, NO
[72] HAUGLAND, LARS PETTER, NO
[72] KIELMAN, FEDDE, NL
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[25] EN
[54] TRANSMITTER AND METHOD FOR SUBSTANTIALLY REDUCING DEAD ZONES IN AN INDUCTIVE CONTACTLESS MOBILE PAYMENT SYSTEM
[54] EMETTEUR ET METHODE DESTINEE A REDUIRE SUBSTANTIELLEMENT LES ZONES MORTES DANS UN SYSTEME INDUCTIF DE PAIEMENT MOBILE SANS CONTACT
[72] WALLNER, GEORGE, US
[71] SAMSUNG PAY, INC., US
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[87] (2935067)
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[72] CHEN, JINHUA, CN

[72] DING, CHARLES Z., CN

[72] DRAGOVICH, PETER, US

[72] FAUBER, BENJAMIN, US

[72] GAO, ZHENTING, CN

[72] LABADIE, SHARADA, US

[72] LAI, KWONG WAH, CN

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[72] ROBARGE, KIRK, US

[72] WEI, BINQING, US

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[71] F. HOFFMANN-LA ROCHE AG, CH

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[54] **BOITIER POUR TRANSFORMATEUR DE TENSION ET TRANSFORMATEUR DE TENSION CORRESPONDANT**

[72] WANG, JIE, CN

[72] ZHANG, XIAO HONG, CN

[71] SIEMENS AKTIENGESellschaft, DE

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[54] **PRISE EN CHARGE D'ECHANTILLONS DE SANG AU MOYEN DE PLASTIQUE A ALVEOLES OUVERTS**

[72] IVOSEVIC, MILAN, US

[72] BLAKE, ALEXANDER JAMES, US

[72] MUTHARD, RYAN W., US

[71] BECTON, DICKINSON AND COMPANY, US

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[72] SULLIVAN, GARY J., US

[72] ZHOU, YOU, US

[72] LEE, MING-CHIEH, US

[72] LIN, CHIH-LUNG, US

[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US

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[54] **SYSTEMES ET PROCÉDES POUR GÉNÉRER DES LIMITES HAPTQUES PERSONNALISÉES**

[72] OTTO, JASON, US

[72] KANG, HYOSIG, US

[71] MAKO SURGICAL CORP., US

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[71] PLIOSAUR ENERGY LTD, GB

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[54] **APPAREIL DE FOND DE Puits**

[72] BRUCE, STEPHEN EDMUND, GB

[72] GRANT, DAVID, GB

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[54] **NANOENCAPSULATION DE COMPOSES HYDROPHILES ACTIFS**
[72] BENITA, SIMON, IL
[72] NASSAR, TAHIER, IL
[72] KOCHAVI-SOUDRY, LIAT, IL
[71] YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD., IL
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[72] CONOLLY, EAMONN, SE
[72] KUNZE, WOLFGANG, CA
[72] BIENENSTOCK, JOHN, CA
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[25] EN
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[54] **SYSTEME ET PROCEDE DE GRADATION**
[72] WEE, KAI FOOK FRANCIS, SG
[72] CHAN, SOON THIAM, MY
[72] TAN, CHYE BOON, MY
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[54] **CASSETTES FOR USE IN AUTOMATED PARALLEL ELECTROPHORETIC ASSAYS AND METHODS FOR MANUFACTURING AND USING SAME**
[54] **CASSETTES A UTILISER LORS D'ANALYSES ELECTROPHORETIQUES PARALLELES AUTOMATISEES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] SLOBODAN, JARED, CA
[72] NESBITT, MATTHEW, CA
[72] NOBLES, ANDREW, CA
[72] BAILLIE, KEVIN, CA
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[25] EN
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[72] HAGE, MOHAMED, CA
[72] RATHMELL, LAUREN, CA
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[54] **PROCEDE D'AMELIORATION DU RENDEMENT DE BROyage A SEC DE COKE DE PETROLE**

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[72] LIGHTNER, BRADLEY LEE, US
[72] BULLOCK, MARK ADAM, US
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[71] WOOLY ENTERTAINMENT INC., CA
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[54] **DISPOSITIF DE RECUPERATION, METHODE DE RECUPERATION ET MODULE DE RECUPERATION DE CO2 OU DE H2S OU DES DEUX**

[72] HAGIMOTO, AKIYORI, JP
[72] OISHI, TSUYOSHI, JP
[72] HAMADA, TSUTOMU, JP
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[72] SCHMITT, CHRISTOPHE JOSEPH ETIENNE, CH
[72] BINKS, BERNARD PAUL, GB
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- [54] PROTEINES DE FUSION CONTENANT UN FACTEUR-1 DE CROISSANCE DE TYPE INSULINE ET UN FACTEUR DE CROISSANCE EPIDERMIQUE ET LEURS VARIANTES, ET LEURS UTILISATIONS
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- [72] STANGELAND, KJELL- EGIL, NO
[72] KRAGGERUD, PER GUNNAR, NO
[71] KVERNELAND GROUP OPERATIONS NORWAY AS, NO
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[72] ZHANG, CHANGAN, US
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[72] RAD, VANDAD BARZIN, US
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[72] SIMMONS, ROBERT J., US

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[54] METHOD AND DEVICE FOR ONLINE MONITORING OF WATER QUALITY

[54] PROCEDE ET DISPOSITIF POUR UNE SURVEILLANCE EN LIGNE DE LA QUALITE DE L'EAU

[72] CHOWDHURY, SUDHIR, SE

[72] CHOWDHURY, ULLA, SE

[71] AQUA-Q AB, SE

[85] 2016-07-12

[86] 2015-02-02 (PCT/SE2015/050113)

[87] (WO2015/115995)

[30] SE (1450114-2) 2014-02-03

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[51] Int.Cl. A61K 47/48 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C07K 14/725 (2006.01)

[25] EN

[54] CHIMERIC ANTIGEN RECEPTOR USING ANTIGEN RECOGNITION DOMAINS DERIVED FROM CARTILAGINOUS FISH

[54] RECEPTEUR D'ANTIGENE CHIMERE UTILISANT DES DOMAINES DE RECONNAISSANCE D'ANTIGENES DERIVES DE POISSON CARTILAGINEUX

[72] DUCHATEAU, PHILIPPE, FR

[72] VALTON, JULIEN, FR

[71] COLLECTIS, FR

[85] 2016-07-13

[86] 2015-01-14 (PCT/EP2015/050581)

[87] (WO2015/107075)

[30] DK (PA 2014 70016) 2014-01-14

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[51] Int.Cl. A61K 38/51 (2006.01) A61K 9/14 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01) A61P 5/50 (2006.01)

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[54] ENOLASE 1 (ENO1) COMPOSITIONS AND USES THEREOF

[54] COMPOSITIONS D'ENOLASE 1 (ENO1) ET LEURS UTILISATIONS

[72] NARAIN, NIVEN RAJIN, US

[72] SARANGARAJAN, RANGAPRASAD, US

[72] VISHNUDAS, VIVEK K., US

[72] GESTA, STEPHANE, US

[72] JING, ENXUAN, US

[72] DAUNERT, SYLVIA, US

[72] DEO, SAPNA K., US

[72] JIMENEZ, JOAQUIN JUAN, US

[72] DIKICI, EMRE, US

[72] DAFTARIAN, PIROUZ MOHAMMAD, US

[71] BERG LLC, US

[71] UNIVERSITY OF MIAMI, US

[85] 2016-07-12

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[87] (WO2015/106296)

[30] US (61/926,913) 2014-01-13

[30] US (62/009,783) 2014-06-09

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[13] A1
- [51] Int.Cl. G01N 23/20 (2006.01)
[25] EN
[54] **METHOD FOR DETERMINING THE COMPOSITION AND THE CRYOLITE RATIO OF SOLID SAMPLES OF POTASSIUM-CONTAINING ELECTROLYTE IN ALUMINUM PRODUCTION BY XRD METHOD**
- [54] **METHODE DE DETERMINATION DE LA COMPOSITION ET DE LA PROPORTION DE CRYOLITE D'ECHANTILLONS SOLIDES D'ELECTROLYTE RENFERMANT DU POTASSIUM DANS LA PRODUCTION D'ALUMINIUM PAR PROCEDE XRD**
- [72] ZAYTSEVA, YULIYA
NIKOLAEVNA, RU
- [72] KIRIK, SERGEY DMITRIEVICH, RU
- [72] YAKIMOV, IGOR' STEPANOVICH, RU
- [72] DUBININ, PETR SERGEEVICH, RU
- [72] PIKSINA, OKSANA EVGEN'EVNA, RU
- [72] SIMAKOV, DMITRIY ALEKSANDROVICH, RU
- [72] GUSEV, ALEKSANDR OLEGOVICH, RU
- [72] RUZHNIKOV, SERGEY GRIGOR'EVICH, RU
- [71] OBSSHCHESTVO S OGRANICHENNOY OTVETSTVENNOST'YU "OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO-TEKHNOLOGICHESKIY TSENTR", RU
- [85] 2016-07-12
[86] 2015-02-04 (PCT/RU2015/000061)
[87] (WO2015/112059)
[30] RU (2014102329) 2014-01-23

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[54] **THERMOSENSITIVE HYDROGEL COLLAGENASE FORMULATIONS**
- [54] **FORMULATIONS DE COLLAGENASE HYDROGEL THERMOSENSIBLE**
- [72] YU, BO, US
- [72] WEGMAN, THOMAS L., US
- [71] BIOSPECIFICS TECHNOLOGIES CORP., US
- [85] 2016-07-12
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[30] CN (201410018764.3) 2014-01-15
[30] US (62/063,056) 2014-10-13

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[25] EN
[54] **S-BENZYLTHIOURACIL COMPOUNDS AND METHODS OF ENHANCING PLANT ROOT GROWTH**
- [54] **COMPOSES S-BENZYLTHIOURACILE ET PROCEDES D'AMELIORATION DE LA CROISSANCE RACINAIRE D'UN VEGETAL**
- [72] NAGASAWA, ASAKO, US
- [72] SILVERMAN, FRANKLIN PAUL, US
- [72] HEIMAN, DANIEL F., US
- [72] WILSON, DALE O., JR., US
- [72] PETRACEK, PETER D., US
- [72] MUKUMOTO, FUJIO, US
- [72] TAMAKI, HIROAKI, US
- [72] MORIWAKI, TAKASHI, US
- [71] VALENT BIOSCIENCES CORPORATION, US
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[87] (WO2015/108938)
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- [51] Int.Cl. B65B 11/02 (2006.01) B65B 11/04 (2006.01) B65B 11/06 (2006.01)
[25] EN
[54] **DYNAMIC ADJUSTMENT OF WRAP FORCE PARAMETER RESPONSIVE TO MONITORED WRAP FORCE AND/OR FOR FILM BREAK REDUCTION**
- [54] **REGLAGE DYNAMIQUE DU PARAMETRE DE FORCE D'ENVELOPPEMENT EN REPONSE A LA FORCE D'ENVELOPPEMENT CONTROLEE ET/OU POUR LA REDUCTION DES RUPTURES DE FILM**
- [72] LANCASTER, PATRICK R., III, US
- [72] MITCHELL, MICHAEL P., US
- [72] JOHNSON, RICHARD L., US
- [72] MCCRAY, JEREMY D., US
- [71] LANTECH.COM, LLC, US
- [85] 2016-07-12
[86] 2015-01-14 (PCT/US2015/011385)
[87] (WO2015/108963)
[30] US (61/927,041) 2014-01-14

- [21] 2,936,700
[13] A1
- [51] Int.Cl. A61F 2/24 (2006.01)
[25] EN
[54] **HEART VALVE ANCHORING DEVICE**
- [54] **DISPOSITIF D'ANCRAGE DE VALVE CARDIAQUE**
- [72] MARCHAND, CORALIE, FR
- [72] RIOU, CECILE, FR
- [71] TRICARES, FR
- [85] 2016-07-13
[86] 2015-01-20 (PCT/EP2015/051037)
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[51] **Int.Cl. G06Q 30/02 (2012.01) G06F 17/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO COMPENSATE IMPRESSION DATA FOR MISATTRIBUTION AND/OR NON-COVERAGE BY A DATABASE PROPRIETOR**
[54] **PROCEDES ET APPAREIL POUR COMPENSER L'ATTRIBUTION INCORRECTE ET/OU LE DEF AUT DE COUVERTURE DE DONNEES D'IMPRESSION PAR LE PROPRIETAIRE D'UNE BASE DE DONNEES**
[72] RAO, KUMAR NAGARAJA, US
[72] LUO, TIANJUE, US
[72] PEREZ, ALBERT RONALD, US
[72] BELL, STEPHEN S., US
[72] ZHANG, MIMI, US
[72] HASKELL, JENNIFER, US
[72] WONG, DAVID, US
[71] THE NIELSEN COMPANY (US), LLC, US
[85] 2016-07-12
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[30] US (61/952,726) 2014-03-13
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[30] US (61/986,784) 2014-04-30
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[30] US (62/014,659) 2014-06-19
[30] US (62/023,675) 2014-07-11
[30] US (62/030,571) 2014-07-29

[21] **2,936,702**
[13] A1

[51] **Int.Cl. A24F 47/00 (2006.01) H01M 10/44 (2006.01)**
[25] EN
[54] **BATTERY ASSEMBLY FOR ELECTRONIC CIGARETTE, ELECTRONIC CIGARETTE AND CONTROL METHOD THEREOF**
[54] **ENSEMBLE BATTERIE POUR CIGARETTE ELECTRONIQUE, CIGARETTE ELECTRONIQUE ET SON PROCEDE DE COMMANDE**
[72] LIU, QIUMING, CN
[71] HUIZHOU KIMREE TECHNOLOGY CO., LTD. SHENZHEN BRANCH, CN
[85] 2016-07-13
[86] 2014-02-20 (PCT/CN2014/072312)
[87] (WO2015/109626)
[30] CN (201420051821.3) 2014-01-26

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[13] A1

[51] **Int.Cl. A63C 17/06 (2006.01) A63C 3/00 (2006.01) A63C 17/26 (2006.01) B24B 3/46 (2006.01) B24B 9/04 (2006.01)**
[25] EN
[54] **ROLLER SKATE BLADE AND SHARPENING THEREOF**
[54] **LAME DE PATIN A ROUES ET AFFUTAGE DE CELLE-CI**
[72] RUBIN, LEONID B., CA
[72] NEBUSOV, VALERY M., RU
[72] TARASENKO, VASILY Y., CA
[72] DUPERTHAL, BENJAMIN, CA
[72] RUBIN, GEORGE, CA
[71] AGILITY BLADES LTD., CA
[85] 2016-07-13
[86] 2014-01-13 (PCT/CA2014/000024)
[87] (WO2014/110662)
[30] CA (PCT/2013/000040) 2013-01-16

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[13] A1

[51] **Int.Cl. G01N 3/08 (2006.01) G01N 3/20 (2006.01) G01N 33/34 (2006.01)**
[25] EN
[54] **BOARD TESTING APPARATUS**
[54] **APPAREIL DE TEST DE CARTON**
[72] RICH, DAVID GEORGE, GB
[72] JENKINS, LYNDON GERAINT, GB
[71] DS SMITH PACKAGING LTD, GB
[85] 2016-07-13
[86] 2015-01-02 (PCT/GB2015/050002)
[87] (WO2015/107323)
[30] GB (1400829.6) 2014-01-17

[21] **2,936,705**
[13] A1

[51] **Int.Cl. A61L 24/00 (2006.01) C08G 83/00 (2006.01) C09J 201/00 (2006.01)**
[25] EN
[54] **POLYMER ADHESIVE**
[54] **ADHESIF POLYMERE**
[72] WANG, WENXIN, IE
[72] ZHENG, YU, IE
[72] ZHANG, HONG, IE
[72] PANDIT, ABHAY, IE
[72] DACOSTA, MARK, IE
[72] BRE, LIGIA PEREIRA, IE
[71] NATIONAL UNIVERSITY OF IRELAND, GALWAY, IE
[85] 2016-07-13
[86] 2014-01-30 (PCT/EP2014/051779)
[87] (WO2014/118266)
[30] EP (13153503.1) 2013-01-31

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[13] A1

[51] **Int.Cl. G01R 31/00 (2006.01) G01R 23/16 (2006.01) G01R 29/08 (2006.01)**
[25] EN
[54] **SCANNER SYSTEM AND METHOD FOR HIGH-RESOLUTION SPATIAL SCANNING OF AN ELECTROMAGNETIC FIELD RADIATED BY AN ELECTRONIC DEVICE UNDER TEST**
[54] **SYSTEME DE SCANNER ET PROCEDE POUR UN BALAYAGE SPATIAL HAUTE RESOLUTION D'UN CHAMP ELECTROMAGNETIQUE EMIS PAR UN DISPOSITIF ELECTRONIQUE SOUS TEST**
[72] PATTON, RUSKA, CA
[72] ZHOU, YIPING, CA
[72] MONTAG, GIL, CA
[72] XUE, ROBERT, CA
[71] EMSCAN CORPORATION, CA
[85] 2016-07-13
[86] 2015-01-29 (PCT/CA2015/050060)
[87] (WO2015/113153)
[30] US (61/933,423) 2014-01-30

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[13] A1

[51] **Int.Cl. C07C 281/18 (2006.01) A61K 31/155 (2006.01) A61P 3/00 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **DIAMINO GUANIDINE DERIVATIVES AND APPLICATION THEREOF IN PREPARATION OF ANIMAL GROWTH PROMOTERS USED IN FEED**
[54] **DERIVES DE DIAMINO GUANIDINE ET APPLICATION ASSOCIEE DANS LA PREPARATION DE PROMOTEURS DE CROISSANCE ANIMALE EMPLOYES DANS L'ALIMENTATION**
[72] PENG, XIANFENG, CN
[72] QIN, ZONGHUA, CN
[72] LI, FANG, CN
[72] YE, XIAOLAN, CN
[71] GUANGZHOU INSIGHTER BIOTECHNOLOGY CO., LTD., CN
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[86] 2014-03-19 (PCT/CN2014/073702)
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[30] CN (201410043200.5) 2014-01-29

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[13] A1
[51] Int.Cl. C12Q 1/68 (2006.01)
[25] EN
[54] PRIMER TECHNOLOGY
[54] TECHNOLOGIE DES AMORCES
[72] SELVI, OZAN, TR
[72] ORCAN, SERKAN, TR
[72] TOKSOZ, SILA, US
[71] SELVI, OZAN, TR
[71] ORCAN, SERKAN, TR
[85] 2016-07-13
[86] 2014-02-03 (PCT/JP2014/052072)
[87] (WO2014/118377)
[30] GB (1301857.7) 2013-02-01

[21] 2,936,709
[13] A1
[51] Int.Cl. A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 36/81 (2006.01) A61K 47/26 (2006.01) A61K 47/38 (2006.01) A61P 3/04 (2006.01)
[25] EN
[54] COMPOSITION OF OILY, PUNGENT AND ODORIFEROUS SUBSTANCES AND A PROCESS OF PREPARATION THEREOF
[54] COMPOSITION A BASE DE SUBSTANCES HUILEUSES A L'ODEUR PIQUANTE ET SON PROCEDE DE PREPARATION
[72] DESHPANDE, JAYANT, CA
[72] ACHLIYA, GIRISH, IN
[72] NALAWADE, PRAVIN, IN
[72] BHANUSE, PRAKASH, IN
[72] KHAMBORKAR, SWAPNIL, IN
[71] OMNIACTIVE HEALTH TECHNOLOGIES LIMITED, IN
[85] 2016-07-13
[86] 2014-08-19 (PCT/IN2014/001569)
[87] (WO2015/114399)
[30] IN (327/MUM/2014) 2014-01-30

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[13] A1
[51] Int.Cl. B65D 90/54 (2006.01) B65D 90/66 (2006.01)
[25] EN
[54] CONTAINER AND LID LOCKING MECHANISM THEREOF
[54] CONTENANT ET MECANISME DE BLOCAGE DE COUVERCLE ASSOCIE
[72] JIAN, YUANLI, CN
[72] GONG, KAI, CN
[71] SHANGHAI HONGYAN RETURNABLE TRANSIT PACKAGINGS CO., LTD., CN
[85] 2016-07-13
[86] 2015-01-13 (PCT/CN2015/070575)
[87] (WO2015/104002)
[30] CN (201410014687.4) 2014-01-13

[21] 2,936,711
[13] A1
[51] Int.Cl. C07F 9/24 (2006.01)
[25] EN
[54] PREPARATION OF PURIFIED PHOSPHORODIAMIDITE
[54] PREPARATION DE PHOSPHORODIAMIDITE PURIFIE
[72] GARY, WOODWARD, GB
[71] RHODIA OPERATIONS, FR
[85] 2016-07-13
[86] 2015-01-15 (PCT/EP2015/050669)
[87] (WO2015/107110)
[30] US (61/927,517) 2014-01-15

[21] 2,936,713
[13] A1
[51] Int.Cl. A01K 1/035 (2006.01) A01K 15/02 (2006.01)
[25] EN
[54] A PET ACTIVITY TOY
[54] JOUET D'ACTIVITES POUR ANIMAL DOMESTIQUE
[72] VESTERHOLT, MARIANNE HALLER, DK
[71] VESTERHOLT, MARIANNE HALLER, DK
[85] 2016-07-13
[86] 2015-01-12 (PCT/DK2015/050004)
[87] (WO2015/106763)
[30] DK (PA 2014 70018) 2014-01-16

[21] 2,936,714
[13] A1
[51] Int.Cl. A61K 31/435 (2006.01) A61K 31/4525 (2006.01) A61K 31/496 (2006.01) A61K 31/7072 (2006.01) A61K 38/12 (2006.01) A61P 31/04 (2006.01) A61P 31/10 (2006.01)
[25] EN
[54] ZIDOVUDINE COMBINATION THERAPIES FOR TREATING MICROBIAL INFECTIONS
[54] THERAPIES COMBINATOIRES PAR ZIDOVUDINE POUR LE TRAITEMENT D'INFECTIONS MICROBIENNES
[72] COATES, ANTHONY, GB
[72] HU, YANMIN, GB
[71] HELPERBY THERAPEUTICS LIMITED, GB
[85] 2016-07-13
[86] 2015-01-29 (PCT/GB2015/050209)
[87] (WO2015/114340)
[30] GB (1401617.4) 2014-01-30

[21] 2,936,717
[13] A1
[51] Int.Cl. A01K 27/00 (2006.01) A61B 5/02 (2006.01)
[25] EN
[54] PET ANIMAL COLLAR FOR HEALTH & VITAL SIGNS MONITORING, ALERT AND DIAGNOSIS
[54] COLLIER D'ANIMAL DOMESTIQUE POUR LA SURVEILLANCE DE LA SANTE ET DES SIGNES VITAUX, L'ALERTE ET LE DIAGNOSTIC
[72] MENKES, AVI, IL
[72] BUKCHIN, MICHAEL, IL
[72] ZAKHAROV, MICHAEL, IL
[72] DAGAN, ASAF, IL
[71] PETPACE LTD, IL
[85] 2016-07-13
[86] 2015-01-15 (PCT/IL2015/050050)
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[30] US (14/156,526) 2014-01-16

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[13] A1

[51] **Int.Cl. A61K 9/19 (2006.01)**
[25] EN
[54] **PROCESS FOR RECONSTITUTION OF A SOLID FORM OF A PHARMACEUTICAL COMPOSITION**
[54] **PROCEDE POUR LA RECONSTITUTION D'UNE FORME SOLIDE D'UNE COMPOSITION PHARMACEUTIQUE**
[72] PAYET-BURIN, XAVIER, FR
[71] EVEON, FR
[71] UCB BIOPHARMA SPRL, BE
[85] 2016-07-13
[86] 2015-01-20 (PCT/EP2015/050988)
[87] (WO2015/107214)
[30] EP (14305070.6) 2014-01-20

[21] **2,936,728**
[13] A1

[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **OPIOID RECEPTOR BINDING AGENTS AND USES THEREOF**
[54] **AGENTS DE LIAISON AUX RECEPTEURS OPIOIDES ET LEURS UTILISATIONS**
[72] STEYAERT, JAN, BE
[72] LAEREMANS, TOON, BE
[72] PARDON, ELS, BE
[72] KOBILKA, BRIAN, US
[72] MANGLIK, AASHISH, US
[71] VIB VZW, BE
[71] VRIJE UNIVERSITEIT BRUSSEL, BE
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2016-07-13
[86] 2015-01-30 (PCT/EP2015/051991)
[87] (WO2015/121092)
[30] US (61/933,742) 2014-01-30

[21] **2,936,733**
[13] A1

[51] **Int.Cl. C21D 9/46 (2006.01) C22C 38/00 (2006.01) C22C 38/02 (2006.01) C22C 38/04 (2006.01) C22C 38/06 (2006.01) C22C 38/12 (2006.01) C22C 38/18 (2006.01) C22C 38/20 (2006.01) C22C 38/22 (2006.01) C22C 38/24 (2006.01) C22C 38/32 (2006.01) C22C 38/40 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH FLAT STEEL PRODUCT HAVING A BAINITIC-MARTENSITIC MICROSTRUCTURE AND METHOD FOR PRODUCING SUCH A FLAT STEEL PRODUCT**
[54] **PRODUIT EN ACIER PLAT DE RESISTANCE ELEVEE AYANT UNE TEXTURE A BASE DE BAINITE ET DE MARTENSITE ET PROCEDE DE FABRICATION D'UN TEL PRODUIT EN ACIER PLAT**
[72] KERN, ANDREAS, DE
[72] SCHAFFNIT, ELENA, DE
[72] TSCHERSICH, HANS-JOACHIM, DE
[71] THYSSENKRUPP STEEL EUROPE AG, DE
[85] 2016-07-13
[86] 2015-02-03 (PCT/EP2015/052135)
[87] (WO2015/117934)
[30] EP (14154354.6) 2014-02-07

[21] **2,936,734**
[13] A1

[51] **Int.Cl. B60L 11/18 (2006.01)**
[25] EN
[54] **A METHOD OF COMMUNICATION BETWEEN A VEHICLE AND A WAYSIDE CONTROL UNIT FOR CONTROLLING AN INDUCTIVE ENERGY TRANSFER TO THE VEHICLE, A VEHICLE AND AN ARRANGEMENT**
[54] **PROCEDE DE COMMUNICATION ENTRE UN VEHICULE ET UNE UNITE DE COMMANDE EN BORDURE DE VOIE POUR COMMANDER UN TRANSFERT D'ENERGIE PAR INDUCTION AU VEHICULE, UN VEHICULE ET UN SYSTEME**
[72] SCHINARR, THORALF, DE
[71] BOMBARDIER PRIMOVE GMBH, DE
[85] 2016-07-13
[86] 2015-02-04 (PCT/EP2015/052252)
[87] (WO2015/117988)
[30] GB (1401957.4) 2014-02-05

[21] **2,936,736**
[13] A1

[51] **Int.Cl. H01S 5/062 (2006.01) H04B 10/54 (2013.01)**
[25] EN
[54] **DRIVE CIRCUIT AND OPTICAL NETWORK UNIT**
[54] **CIRCUIT D'ATTAQUE ET DISPOSITIF COTE CLIENT**
[72] YUDA, SHUITSU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2016-07-13
[86] 2014-10-07 (PCT/JP2014/076771)
[87] (WO2015/107729)
[30] JP (2014-007102) 2014-01-17

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[13] A1
[51] Int.Cl. G06Q 40/00 (2012.01)
[25] EN
[54] METHOD AND SYSTEM FOR PROVIDING GLOBAL READY FINANCIAL APPLICATIONS
[54] PROCEDE ET SYSTEME POUR FOURNIR DES APPLICATIONS FINANCIERES IMMEDIATES GLOBALES
[72] CHITHAMBARAM, NEMMARA, US
[72] KOSHY, LINU MATHEW, IN
[72] VERMA, ANSHU, IN
[71] INTUIT INC., US
[85] 2016-07-13
[86] 2014-05-09 (PCT/US2014/037489)
[87] (WO2015/119649)
[30] IN (150/KOL/2014) 2014-02-05

[21] 2,936,747
[13] A1
[51] Int.Cl. F24F 3/14 (2006.01)
[25] EN
[54] ADIABATIC REFRIGERANT CONDENSER CONTROLS SYSTEM
[54] SYSTEME DE COMMANDE DE CONDENSEUR DE REFRIGERANT ADIABATIQUE
[72] MARTELL, GREG, US
[72] SHEER, ADAM, US
[72] HOLLANDER, PHILIP, US
[72] BLAY, PRESTON, US
[72] AARON, DAVID ANDREW, US
[71] BALTIMORE AIRCOIL COMPANY, INC., US
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[54] RECIPIENT REFERMABLE COMPRENANT UN COLLIER ET UN COUVERCLE
[72] MERCADO, GRACE, SG
[72] MCCALLISTER, PATRICK E., US
[72] VENTRAPRAGADA, PRASAD, US
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[72] HSU, CHAO FOU, TW
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[72] GHALY, NABIL N., US
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[72] BOYLE, MICHAEL EDWARD, US
[72] DAVIE, KENNETH RAYMOND, US
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[72] LIU, MEI, US
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[72] LOWE, ROBERT M., US
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[54] **DISPOSITIF MICROFLUIDIQUE POUR L'ANALYSE DE POLLUANTS EN ECOULEMENT**
[72] LE CALVE, STEPHANE, FR
[72] ALLOUCH, ALAA EL DINE, FR
[72] BERNHARDT, PIERRE, FR
[72] GUGLIELMINO, MAUD, FR
[72] SERRA, CHRISTOPHE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] UNIVERSITE DE STRASBOURG, FR
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[54] **ORGANE MOBILE DE TURBOMACHINE QUI COMPORTE DES MOYENS POUR CHANGER SA FREQUENCE DE RESONANCE**
[72] AUSTRUY, JULIEN MICHEL PATRICK CHRISTIAN, FR
[71] SNECMA, FR
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[54] **ASPHALT MIXTURE, PROCESS FOR PRODUCTION OF SAME, AND PAVING METHOD USING SAME**
[54] **MELANGE D'ASPHALTE, PROCEDE DE PRODUCTION D'ASPHALTE ET METHODE DE PAVAGE EMPLOYANT LEDIT MELANGE**
[72] MORIYASU, HIROCHIKA, JP
[72] KOSHI, KENTARO, JP
[72] TANIGUCHI, HIROSHI, JP
[71] MAEDA ROAD CONSTRUCTION CO., LTD, JP
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[72] BOERSMA, HARMEN, NL
[72] KNIJPSTRA, RENE, NL
[72] HILARIDES, JOUKE, NL
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[54] DISPOSITIF DE VERROU DE PORTE DESTINE A UN VEHICULE ET SYSTEME DE PORTE EQUIPE DU DISPOSITIF DE VERROU DE PORTE
[72] ENOMOTO, DAISUKE, JP
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[72] BUTSCHER, SILVIO, CH
[72] KAESER, THOMAS, CH
[72] YOAKIM, ALFRED, CH
[72] SCHIERZ, CYNTHIA, CH
[72] DENISART, JEAN-LUC, CH
[71] NESTEC S.A., CH
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[54] RAIL ET PROCEDE POUR LE FABRIQUER
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[72] TAKASHIMA, YUKIO, JP
[71] JFE STEEL CORPORATION, JP
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[72] KLEIN, PHILIPPE, FR
[72] HOGUET, DENIS, FR
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[71] ETAT FRANCAIS REPRESENTE PAR LE DIRECTEUR CENTRAL DU SERVICE DE SANTE DES ARMEES, FR
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[72] MASSACESI, CRISTIAN, FR
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[54] DISPOSITIF DE CONVERSION D'ENERGIE ET APPAREIL DE CONDITIONNEMENT D'AIR
[72] MAKINO, YASUSHI, JP
[72] SHIZU, KEIICHIRO, JP
[72] OWADA, KENTA, JP
[71] MITSUBISHI ELECTRIC CORPORATION, JP
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[72] PRESTA, LEONARD G., CA

[72] NG, GORDON YIU KON, CA

[72] SPRETER VON KREUDENSTEIN, THOMAS, CA

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[54] **TERMINAL UTILISATEUR, STATION DE BASE RADIO ET METHODE DE COMMUNICATION RADIO**

[72] YASUKAWA, SHIMPEI, JP

[72] TAKEDA, KAZUKI, JP

[72] NAGATA, SATOSHI, JP

[71] NTT DOCOMO, INC., JP

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[54] **METHODE DE SOUDURE A RECOUVREMENT, JOINT DE RECOUVREMENT, METHODE DE PRODUCTION D'UN JOINT DE RECOUVREMENT ET PIECE D'AUTOMOBILE**

[72] FUJIMOTO, HIROKI, JP

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[72] IMAMURA, TAKASHI, JP

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[72] SANDERS, JOHN LARRY, US

[71] VERDESAN LIFE SCIENCES, LLC, US

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[54] **GROUPE ELECTROGENE SUBMERSIBLE**

[72] MARZELIUS, OLOF, SE

[72] DOLERUD, ERIK, SE

[71] MINESTO AB, SE

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[72] DORFMAN, MITCHELL R., US

[71] OERLIKON METCO (US) INC., US

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[54] **PANNEAUX DE BATIMENT STRATIFIES A BASE DE POLYESTER A CARACTERISTIQUES DE SURFACE AMELIOREES**

[72] BOYDSTON, GERALD D., US

[72] WILTZIUS, BRYAN J., US

[72] LAI, CHOUNG-HOUNG, US

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[54] RESEAU DE CAPTEURS A FIBRE OPTIQUE POUR UNE COLLECTE DE DONNEES ELECTROMAGNETIQUE
[72] PAYTON, ROBERT MICHAEL, US
[72] PUGH, TREVOR KEITH CHARLES, US
[71] DEEP IMAGING TECHNOLOGIES, INC., US
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[54] SYSTEME DE DETECTION MULTISITE ALIMENTE A DISTANCE A BUS PARTAGE BIFILAIRE DESTINE A L'ALIMENTATION EN ENERGIE ET A LA COMMUNICATION
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[72] MCKEON, ALLAN SYDNEY, AU
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[72] HAUBER, ROBERT J., US
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[54] ANTIGENE DE SURFACE CELLULAIRE DU CANCER DE LA PROSTATE DESTINE AU DIAGNOSTIC
[72] WALSH, BRADLEY, AU
[72] CAMPBELL, DOUGLAS, AU
[72] JUSTINIANO FUENMAYOR, IRENE, AU
[72] NOCON, ALINE, AU
[72] SOON, JULIE, AU
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[71] MINOMIC INTERNATIONAL LTD., AU
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[72] SHUB, NATALYA, US
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[25] EN

[54] **ON-SITE EMULSIFICATION OF DEFOAMER FOR BROWNSTOCK WASHING OF PULP**

[54] **EMULSIFICATION SUR SITE D'UN AGENT ANTI-MOUSSE POUR LE LAVAGE DE LA PATE BRUNE DE LA PATE A PAPIER**

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[72] BOLTON, TODD S., US

[72] MITCHELL, MICHAEL., US

[72] KENT, KRAIG R., US

[71] SOLJENIS TECHNOLOGIES, L.P., CH

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[54] **COMPOSITIONS COMPRISING KETAMINE FOR TREATING AN AUTISM SPECTRUM DISORDER**

[54] **COMPOSITIONS COMPRENANT DE LA KETAMINE POUR LE TRAITEMENT D'UN TROUBLE DU SPECTRE DE L'AUTISME**

[72] ERICKSON, CRAIG ANDREW, US

[72] WINK, LOGAN KRISTEN, US

[72] SCHAEFER, TORI LYNN, US

[71] CHILDREN'S HOSPITAL MEDICAL CENTER, US

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[54] **DEVICE, SYSTEM AND METHOD OF MOBILE IDENTITY VERIFICATION**

[54] **DISPOSITIF, SYSTEME ET PROCEDE DE VERIFICATION D'IDENTITE DE MOBILE**

[72] MURR, ARZ., LB

[71] MURR, ARZ., LB

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[87] (WO2015/106333)

[30] LB (10235) 2014-01-16

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[51] **Int.Cl. G06K 15/00 (2006.01) G06Q 10/08 (2012.01) G06F 3/12 (2006.01)**

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[54] **METHOD OF PRODUCING AN ORDERED STACK OF BOUND PRE-PRINTED PRODUCT INFORMATION SHEETS FOR A STORE FROM PLANOGRAM OR ORDERED DATA**

[54] **PROCEDE PERMETTANT DE PRODUIRE, A PARTIR D'UN PLANOGRAMME OU DE DONNEES ORDONNEES, UNE PILE ORDONNEE DE FEUILLES D'INFORMATIONS SUR DES PRODUITS PREIMPRIMEES, ASSEMBLEES ET DESTINEES A UN MAGASIN**

[72] DALE, ERNEST JAMES, US

[72] JIRON, JAMES FERNANDO, US

[72] DESMET, JOHN PATRICK, US

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[71] INFORMATION PLANNING AND MANAGEMENT SERVICE INC., US

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[54] **POLYMER COMPOSITION FOR CAPS AND CLOSURES**

[54] **COMPOSITION POLYMERE POUR CAPUCHONS ET FERMETURES**

[72] KOCH, BENOFF, BE

[72] MOINEAU, CHRISTOPHE, FR

[71] INEOS EUROPE AG, CH

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[86] 2015-01-05 (PCT/EP2015/050056)

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[54] **INTEGRATED ROLLER-GEARBOX FOR SPINNER WRENCH**

[54] **REDUCTEUR DE ROULEAU INTEGRE POUR CLE DE CENTRIFUGEUSE**

[72] MCCORRISTON, TODD, CA

[72] MCDUGALL, PATRICK, CA

[72] SCEKIC, VLADIMIR, CA

[71] DRILLFORM TECHNICAL SERVICES LTD., CA

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[54] **MANUFACTURE OF CONTROLLED RATE DISSOLVING MATERIALS**
[54] **FABRICATION DE MATIERES DISSOLVANTES A VITESSE CONTROLEE**
[72] SHERMAN, ANDREW, US
[72] DOUD, BRIAN, US
[72] FARKAS, NICHOLAS, US
[71] TERVES, INC., US
[85] 2016-07-12
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[25] EN
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[54] **MAILLAGE CARTESIEN AUTOMATIQUE AVEC RAFFINEMENT LOGARITHMIQUE A DES EMPLACEMENTS ARBITRAIRES**
[72] NGUYEN, VIET HOAI, US
[71] CONOCOPHILLIPS COMPANY, US
[85] 2016-07-13
[86] 2015-01-13 (PCT/US2015/011201)
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[30] US (61/927,561) 2014-01-15
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[13] A1
[51] Int.Cl. B66B 1/24 (2006.01) B66B 1/18 (2006.01)
[25] EN
[54] **METHOD FOR OPERATING AN ELEVATOR SYSTEM**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME D'ASCENSEUR**
[72] JETTER, MARKUS, DE
[72] GERSTENMEYER, STEFAN, DE
[71] THYSENKRUPP ELEVATOR AG, DE
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[30] DE (10 2014 201 804.8) 2014-01-31

[21] **2,936,821**
[13] A1
[51] Int.Cl. B65F 5/00 (2006.01) B65F 1/10 (2006.01) B65G 53/46 (2006.01)
[25] EN
[54] **METHOD FOR HANDLING MATERIAL IN A MATERIAL CONVEYING SYSTEM, AN INPUT POINT OF A MATERIAL CONVEYING SYSTEM AND A MATERIAL CONVEYING SYSTEM**
[54] **PROCEDE DE MANIPULATION DE MATERIAU DANS UN SYSTEME DE TRANSPORT DE MATERIAU, POINT D'ENTREE D'UN SYSTEME DE TRANSPORT DE MATERIAU ET SYSTEME DE TRANSPORT DE MATERIAU**
[72] SUNDHOLM, GORAN, FI
[71] MARICAP OY, FI
[85] 2016-07-13
[86] 2015-02-12 (PCT/FI2015/050087)
[87] (WO2015/124832)
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[21] **2,936,823**
[13] A1
[51] Int.Cl. A61K 31/4745 (2006.01) A61P 25/14 (2006.01) C07D 455/02 (2006.01)
[25] EN
[54] **BENZOQUINOLINE INHIBITORS OF VESICULAR MONOAMINE TRANSPORTER 2**
[54] **INHIBITEURS DE BENZOQUINOLINE DU TRANSPORTEUR VESICULAIRE DES MONOAMINES 2**
[72] STAMLER, DAVID, US
[71] AUSPEX PHARMACEUTICALS, INC., US
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[30] US (61/932,103) 2014-01-27

[21] **2,936,826**
[13] A1
[51] Int.Cl. A01N 41/10 (2006.01) A01N 43/08 (2006.01) A01N 43/80 (2006.01) A01N 43/90 (2006.01) A01P 13/00 (2006.01)
[25] EN
[54] **METHODS FOR CONTROLLING WEEDS USING FORMULATIONS CONTAINING FLUTHIACET-METHYL AND HPPD HERBICIDES**
[54] **METHODES DE LUTTE CONTRE LES MAUVAISES HERBES AU MOYEN DE FORMULATIONS CONTENANT FLUTHIACET-METHYLE ET DES HERBICIDES HPPD**
[72] SHARMA, SHIV, US
[72] STRATMAN, GAIL G., US
[72] VANKAYALA, KUMAR, IN
[72] RAHI, SARWAR, PK
[71] FMC CORPORATION, US
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[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01)**
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[54] **IMPLANT D'EMBOLISATION SOUPLE**
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[72] PONS, STEPHEN, US
[72] HUI, DELILAH, US
[71] PENUMBRA, INC., US
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[87] (WO2015/109007)
[30] US (14/154,395) 2014-01-14
[30] US (14/562,532) 2014-12-05

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[13] A1

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[25] EN
[54] **RAPID MEASUREMENT OF FORMED BLOOD COMPONENT SEDIMENTATION RATE FROM SMALL SAMPLE VOLUMES**
[54] **MESURE RAPIDE DE LA VITESSE DE SEDIMENTATION DES COMPOSANTS SANGUINS FORMES, A PARTIR DE PETITS VOLUMES D'ECHANTILLON**
[72] DAYEL, MARK, US
[72] ANEKAL, SAMARTHA, US
[72] HOLMES, ELIZABETH, US
[71] THERANOS, INC., US
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[13] A1

[51] **Int.Cl. A61B 17/12 (2006.01) A61F 2/01 (2006.01)**
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[54] **DELIVRANCE SELECTIVE DE PARTICULES DANS LA PARTIE DISTALE DE L'ARTERE GASTRIQUE GAUCHE**
[72] KIPSHIDZE, NICKOLAS, US
[72] SOLAR, RONALD JAY, US
[71] ENDOBAR SOLUTIONS, LLC, US
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[21] **2,936,831**
[13] A1

[51] **Int.Cl. C07K 1/00 (2006.01) C12N 5/02 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPTIMIZING POST-TRANSLATIONAL MODIFICATIONS ON RECOMBINANT PROTEINS**
[54] **PROCEDE D'OPTIMISATION DES MODIFICATIONS POST-TRADUCTIONNELLES EFFECTUEES SUR DES PROTEINES RECOMBINEES**
[72] SHULGA-MORSKOY, SERGEY, US
[72] LESZCYNIECKA, MAGDALENA, US
[71] SHULGA-MORSKOY, SERGEY, US
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[87] (WO2015/106276)
[30] US (61/926,603) 2014-01-13

[21] **2,936,832**
[13] A1

[51] **Int.Cl. B29C 49/04 (2006.01) B29C 49/24 (2006.01)**
[25] EN
[54] **CONTAINER FORMED OF A ONE-PIECE DISTORTION PRINTED THERMOPLASTIC SUBSTRATE**
[54] **RECIPIENT FORME D'UN SUBSTRAT THERMOPLASTIQUE IMPRIME EN DISTORSION EN UNE PIECE**
[72] ETESSE, PATRICK JEAN-FRANCOIS, BE
[71] SERAC GROUP, FR
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[25] EN
[54] **NOVEL VACCINES AGAINST HPV AND HPV-RELATED DISEASES**
[54] **NOUVEAUX VACCINS CONTRE LE VPH ET MALADIES LIEES AU VPH**
[72] OH, SANGKON, US
[72] ZURAWSKI, SANDRA, US
[72] ZURAWSKI, GERARD, US
[71] BAYLOR RESEARCH INSTITUTE, US
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[30] US (61/926,821) 2014-01-13
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[51] Int.Cl. H04N 5/225 (2006.01) H04N 7/18 (2006.01)

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[54] COLLIER INTELLIGENT AVEC VISION STEREOSCOPIQUE ET TRAITEMENT EMBARQUE

[72] DAYAL, RAJIV, US

[72] MOORE, DOUGLAS A., US

[72] OTA, YASUHIRO, US

[72] DJUGASH, JOSEPH M.A., US

[72] CHEN, TIFFANY L., US

[72] YAMAMOTO, KENICHI, US

[71] TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC., US

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[51] Int.Cl. C22B 3/02 (2006.01) B01D 15/00 (2006.01) C22B 3/00 (2006.01) C22B 3/24 (2006.01)

[25] EN

[54] IMPROVED METHODS AND SYSTEMS OF METAL SORPTION USING INTERSTAGE SCREENING

[54] PROCEDES ET SYSTEMES PERFECTIONNES DE SORPTION DE METAL UTILISANT UN CRIBLAGE INTERETAGE

[72] PERKINS, DAVID E., US

[72] NEWMAN, CHRISTIAN T., US

[72] COLGROVE, JAMES R., US

[71] DERRICK CORPORATION, US

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[13] A1

[51] Int.Cl. C12N 5/07 (2010.01)

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[54] STEM CELL-DERIVED HEPATOCYTES IN CO-CULTURE AND USES THEREOF

[54] HEPATOCYTES DERIVES DE CELLULES SOUCHES EN COCULTURE ET LEURS UTILISATIONS

[72] KHETANI, SALMAN R., US

[72] BERGER, DUSTIN R., US

[72] WARE, BRENTON R., US

[71] COLORADO STATE UNIVERSITY RESEARCH FOUNDATION, US

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[87] (WO2015/108944)

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[51] Int.Cl. A61K 31/427 (2006.01) A61P 35/00 (2006.01) G01N 33/48 (2006.01)

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[54] NOUVELLES METHODES DE TRAITEMENT DU CANCER

[72] LI, CHIANG J., US

[72] LI, YOUZHI, US

[71] BOSTON BIOMEDICAL, INC., US

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[86] 2015-01-26 (PCT/US2015/012830)

[87] (WO2015/112941)

[30] US (61/932,186) 2014-01-27

[30] US (61/938,391) 2014-02-11

[21] 2,936,840
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[51] Int.Cl. F02C 7/052 (2006.01) B01D 47/00 (2006.01) B01D 47/02 (2006.01)

[25] EN

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[54] ELIMINATION DE CONTAMINANT EN PHASE GAZEUSE DE L'ENTREE D'UNE TURBINE A GAZ

[72] TAYLOR, ROBERT WARREN, US

[72] HINER, STEPHEN DAVID, GB

[72] BRYANT, PAUL SHERWOOD, GB

[72] BANSAL, VISHAL, US

[71] BHA ALTAIR, LLC, US

[85] 2016-07-13

[86] 2015-01-14 (PCT/US2015/011383)

[87] (WO2015/108961)

[30] US (14/156,504) 2014-01-16

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[13] A1

[51] Int.Cl. A61B 5/02 (2006.01) A61N 7/00 (2006.01) A61N 7/02 (2006.01)

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[54] DEVICE AND METHOD TO TREAT VAGINAL ATROPHY

[54] DISPOSITIF ET PROCEDE DE TRAITEMENT DE L'ATROPHIE VAGINALE

[72] ROCKWEILER, HOLLY ELIZABETH, US

[72] KRONE, RYAN TAYLOR, US

[72] STEINBERGER, JONATHAN DANIEL, US

[72] OLSON, KATHRYN, US

[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US

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[30] US (61/933,712) 2014-01-30

[30] US (61/947,715) 2014-03-04

[30] US (61/982,475) 2014-04-22

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[13] A1

[51] Int.Cl. H04M 11/04 (2006.01) H04L 12/66 (2006.01)

[25] EN

[54] EMERGENCY SERVICES ROUTING PROXY CLUSTER MANAGEMENT

[54] GESTION DE GRAPPE DE MANDATAIRES DE ROUTAGE DE SERVICES D'URGENCE

[72] KAMBOH, AMEEL, US

[72] WELLONEN, JASON, US

[71] AIRBUS DS COMMUNICATIONS, INC., US

[85] 2016-07-12

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[87] (WO2015/120191)

[30] US (14/175,872) 2014-02-07

[21] 2,936,843
[13] A1

[51] Int.Cl. A41C 3/12 (2006.01)

[25] EN

[54] BRASSIERE ACCESSORY

[54] ACCESSOIRE DE SOUTIEN-GORGE

[72] BUESCHER, TRACY, US

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[86] 2015-01-15 (PCT/US2015/011492)

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[30] US (14/166,026) 2014-01-28

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[13] A1

[51] **Int.Cl. B65H 35/04 (2006.01) B65H 35/07 (2006.01) B65H 35/08 (2006.01)**
[25] EN
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[54] **DISTRIBUTEUR PORTABLE DE MATERIAU EN FEUILLE DE MASQUAGE**
[72] THOMPSON, CRAIG D., US
[72] VANDERHEYDEN, JACOB P., US
[72] TRIFILIO, CHRISTIAN R., US
[72] SOMERO, CHRISTOPHER E., US
[72] WAFFENSMITH, JEFFREY B., US
[72] HERMAN, CHRISTOPHER J., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[21] 2,936,845
[13] A1

[51] **Int.Cl. A63B 59/51 (2015.01)**
[25] EN
[54] **BALL BAT WITH A FUSED END CAP**
[54] **BATTE POUR BALLE DOTEE D'UN CAPUCHON D'EXTREMITE FUSIONNE**
[72] DAVIS, STEPHEN J., US
[72] CHAUVIN, DEWEY, US
[71] EASTON BASEBALL/SOFTBALL INC., US
[85] 2016-07-13
[86] 2015-01-15 (PCT/US2015/011646)
[87] (WO2015/109117)
[30] US (14/157,411) 2014-01-16

[21] 2,936,846
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **SPIN-TO-OPEN ATHERECTOMY DEVICE WITH ELECTRIC MOTOR CONTROL**
[54] **DISPOSITIF D'ATHERECTOMIE A OUVERTURE PAR ROTATION AVEC COMMANDE PAR MOTEUR ELECTRIQUE**
[72] HIGGINS, JOSEPH P., US
[72] SCHOENLE, VICTOR L., US
[72] GRACE, MICHAEL J., US
[72] CAMBRONNE, MATTHEW D., US
[72] KOHLER, ROBERT E., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
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[86] 2015-01-16 (PCT/US2015/011744)
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[30] US (61/928,536) 2014-01-17
[30] US (14/597,932) 2015-01-15

[21] 2,936,847
[13] A1

[51] **Int.Cl. H02J 1/00 (2006.01) H02J 13/00 (2006.01)**
[25] EN
[54] **DIGITAL POWER NETWORK METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE RESEAU D'ENERGIE NUMERIQUE**
[72] LOWE, HARRY DANIEL, US
[72] EAVES, STEPHEN, US
[71] VOLTSERVER, INC., US
[85] 2016-07-13
[86] 2015-01-16 (PCT/US2015/011770)
[87] (WO2015/109193)
[30] US (61/929,074) 2014-01-19

[21] 2,936,848
[13] A1

[51] **Int.Cl. B01D 53/84 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR RECOVERY OF STRANDED GAS AND OIL**
[54] **COMPOSITIONS ET PROCEDES DE RECUPERATION D'HUILE ET DE GAZ DELAISSES**
[72] FONG, HOWARD LAM HO, US
[72] GRATE, JOHN H., US
[72] NGUYEN, LUAN, US
[72] SILVERMAN, JOSHUA A., US
[72] NEWMAN, LISA MARIE, US
[72] GIVER, LORRAINE JOAN, US
[72] REGITSKY, DREW D., US
[71] CALYSTA, INC., US
[85] 2016-07-13
[86] 2015-01-16 (PCT/US2015/011806)
[87] (WO2015/109221)
[30] US (61/928,349) 2014-01-16

[21] 2,936,850
[13] A1

[51] **Int.Cl. C12N 1/21 (2006.01) C12N 9/88 (2006.01)**
[25] EN
[54] **CARBOHYDRATE-ENRICHED RECOMBINANT MICROORGANISMS**
[54] **MICRO-ORGANISMES DE RECOMBINAISON ENRICHIS EN HYDRATE DE CARBONE**
[72] SILVERMAN, JOSHUA A., US
[72] GIVER, LORRAINE JOAN, US
[72] MUELLER, JANA, US
[72] SAVILLE, RENEE M., US
[72] REGITSKY, DREW D., US
[71] CALYSTA, INC., US
[85] 2016-07-13
[86] 2015-01-16 (PCT/US2015/011860)
[87] (WO2015/109257)
[30] US (61/928,366) 2014-01-16

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[13] A1
[51] Int.Cl. B32B 5/14 (2006.01) B32B 15/00 (2006.01) C06B 45/18 (2006.01)
[25] EN
[54] FLUID ACTIVATED DISINTEGRATING METAL SYSTEM
[54] SYSTEME METALLIQUE DE DESINTEGRATION A ACTIVATION PAR FLUIDE
[72] DOUD, BRIAN, US
[72] SHERMAN, ANDREW, US
[72] FARKAS, NICHOLAS, US
[72] WERRY, BRIAN, US
[71] TERVERS, INC., US
[85] 2016-07-12
[86] 2015-02-20 (PCT/US2015/016770)
[87] (WO2015/127174)
[30] US (61/942,870) 2014-02-21
[30] US (62/054,597) 2014-09-24

[21] 2,936,853
[13] A1
[51] Int.Cl. C12N 1/21 (2006.01) C12P 13/04 (2006.01) C12P 13/08 (2006.01) C12P 13/12 (2006.01) C12P 13/22 (2006.01)
[25] EN
[54] MICROORGANISMS FOR THE ENHANCED PRODUCTION OF AMINO ACIDS AND RELATED METHODS
[54] MICRO-ORGANISMES POUR LA PRODUCTION AMELIOREE D'AMINO-ACIDES ET PROCEDES ASSOCIES
[72] SAVILLE, RENEE M., US
[72] SILVERMAN, JOSHUA A., US
[72] LUNING, ERIC G., US
[72] DOSS, BRANDON D., US
[72] GIVER, LORRAINE JOAN, US
[72] RESNICK, SOL M., US
[72] REGITSKY, DREW D., US
[71] CALYSTA, INC., US
[85] 2016-07-13
[86] 2015-01-16 (PCT/US2015/011872)
[87] (WO2015/109265)
[30] US (61/928,401) 2014-01-16

[21] 2,936,859
[13] A1
[51] Int.Cl. A41G 5/02 (2006.01)
[25] EN
[54] FALSE EYELASH APPARATUS AND METHODS
[54] APPAREIL ET PROCEDES DE FAUX CILS
[72] HANSEN, HAL J., US
[72] JACKSON, ALYSSA B., US
[71] HANSEN, HAL J., US
[85] 2016-07-13
[86] 2015-01-17 (PCT/US2015/011873)
[87] (WO2015/109266)
[30] US (61/928,901) 2014-01-17

[21] 2,936,862
[13] A1
[51] Int.Cl. B67D 7/10 (2010.01)
[25] EN
[54] MODULAR BEVERAGE AND ICE DISPENSING UNIT
[54] UNITE MODULAIRE DE DISTRIBUTION DE BOISSON ET DE GLACONS
[72] BROEN, MARTIN E., US
[72] LIM, STEPHEN, US
[72] STOLARZ, CHRISTIAN, US
[71] PEPISCO, INC., US
[85] 2016-07-13
[86] 2015-01-27 (PCT/US2015/013060)
[87] (WO2015/113038)
[30] US (61/931,928) 2014-01-27

[21] 2,936,863
[13] A1
[51] Int.Cl. C07K 16/28 (2006.01)
[25] EN
[54] ANTIBODY MOLECULES TO TIM-3 AND USES THEREOF
[54] MOLECULES D'ANTICORPS ANTI-TIM-3 ET LEURS UTILISATIONS
[72] SABATOS-PEYTON, CATHERINE, ANNE, US
[72] BRANNETTI, BARBARA, CH
[72] HARRIS, ALAN, S., US
[72] HUBER, THOMAS, CH
[72] PIETZONKA, THOMAS, CH
[72] MATARAZA, JENNIFER, MARIE, US
[72] BLATTNER, WALTER, A., US
[72] HICKLIN, DANIEL, J., US
[72] VASQUEZ, MAXIMILIANO, US
[72] DEKRUYFF, ROSEMARIE, H., US
[72] UMETSU, DALE, T., US
[72] FREEMAN, GORDON, JAMES, US
[72] HU, TIANCEN, US
[72] TARASZKA, JOHN, A., US
[72] XU, FANGMIN, US
[71] NOVARTIS AG, CH
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2016-07-13
[86] 2015-01-30 (PCT/US2015/013913)
[87] (WO2015/117002)
[30] US (61/934,469) 2014-01-31
[30] US (62/094,912) 2014-12-19

[21] 2,936,865
[13] A1
[51] Int.Cl. C07D 403/12 (2006.01) A61K 31/506 (2006.01)
[25] EN
[54] DIAMINOPYRIMIDINE BENZENESULFONE DERIVATIVES AND USES THEREOF
[54] DERIVES DE DIAMINOPYRIMIDINE BENZENESULFONE ET LEURS UTILISATIONS
[72] BRADNER, JAMES E., US
[72] QI, JUN, US
[72] TANAKA, MINORU, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
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[86] 2015-02-02 (PCT/US2015/014039)
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[13] A1

[51] Int.Cl. A01N 43/58 (2006.01) A61K 31/54 (2006.01)

[25] EN

[54] DIHYDROPTERIDINONE DERIVATIVES AND USES THEREOF

[54] DERIVES DE DIHYDROPTERIDINONE ET LEURS UTILISATIONS

[72] BRADNER, JAMES E., US

[72] GRAY, NATHANAEI., US

[72] QI, JUN, US

[72] MCKEOWN, MICHAEL R., US

[72] BUCKLEY, DENNIS, US

[71] DANA-FARBER CANCER INSTITUTE, INC., US

[85] 2016-07-13

[86] 2015-02-02 (PCT/US2015/014044)

[87] (WO2015/117055)

[30] US (61/934,624) 2014-01-31

[21] 2,936,872
[13] A1

[51] Int.Cl. A44B 11/02 (2006.01) B60N 2/26 (2006.01) B60N 2/28 (2006.01) B60R 22/10 (2006.01) B60R 22/12 (2006.01)

[25] EN

[54] SAFETY SEAT/BOOSTER SEAT HARNESS PAD

[54] COUSSINET DE HARNAIS POUR SIEGE DE SECURITE/SIEGE REHAUSSEUR

[72] BERGER, RUSSELL, US

[71] DIONO, LLC, US

[85] 2016-07-13

[86] 2015-02-06 (PCT/US2015/014882)

[87] (WO2015/130450)

[30] US (61/946,523) 2014-02-28

[30] US (62/010,364) 2014-06-10

[30] US (14/477,584) 2014-09-04

[21] 2,936,874
[13] A1

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[25] EN

[54] WATER SOLUBLE 4-AZAPODOPHYLLOTOXIN ANALOGS

[54] ANALOGUES DE 4-AZAPODOPHYLLOTOXINE SOLUBLES DANS L'EAU

[72] CHABOT, GUY, FR

[72] GIORGI-RENAULT, SYLVIANE, FR

[72] DESBENE-FINCK, STEPHANIE, FR

[72] HELISSEY, PHILIPPE, FR

[72] LABRUERE, RAPHAEL, FR

[72] TESTUD, MARLENE, FR

[72] SCHERMAN, DANIEL, FR

[71] UNIVERSITE PARIS DESCARTES, FR

[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR

[71] ECOLE NATIONALE SUPERIEURE DE CHIMIE DE PARIS, FR

[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR

[85] 2016-07-14

[86] 2015-01-15 (PCT/EP2015/050702)

[87] (WO2015/107119)

[30] EP (14305056.5) 2014-01-15

[21] 2,936,875
[13] A1

[51] Int.Cl. H02P 9/00 (2006.01) H02P 9/48 (2006.01)

[25] FR

[54] METHOD FOR MANAGING AN ELECTROMAGNETIC MACHINE MAKING IT POSSIBLE TO MODIFY THE LAYOUT OF AN ARMATURE CIRCUIT OF SAID MACHINE

[54] PROCEDE DE GESTION D'UNE MACHINE ELECTROMAGNETIQUE PERMETTANT LA MODIFICATION DE LA TOPOLOGIE D'UN CIRCUIT D'INDUITS DE LADITE MACHINE

[72] PERRIERE, BERNARD, FR

[71] SAVE INNOVATIONS, FR

[85] 2016-07-14

[86] 2015-01-15 (PCT/EP2015/050714)

[87] (WO2015/107124)

[30] FR (1450399) 2014-01-17

[21] 2,936,877
[13] A1

[51] Int.Cl. C07K 16/10 (2006.01) A61K 39/42 (2006.01) A61P 31/14 (2006.01)

[25] EN

[54] NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES AGAINST HEPATITIS B VIRUS SURFACE ANTIGEN

[54] ANTICORPS MONOCLONAUX HUMAINS NEUTRALISANTS DIRIGES CONTRE L'ANTIGENE DE SURFACE DU VIRUS DE L'HEPATITE B

[72] MONDELLI, MARIO UMBERTO FRANCESCO, IT

[71] MONDELLI, MARIO UMBERTO FRANCESCO, IT

[85] 2016-07-14

[86] 2015-01-15 (PCT/EP2015/050717)

[87] (WO2015/107126)

[30] EP (14151437.2) 2014-01-16

[21] 2,936,879
[13] A1

[51] Int.Cl. G01R 31/36 (2006.01) B60L 11/18 (2006.01) H02J 7/00 (2006.01)

[25] FR

[54] METHOD AND SYSTEM FOR MANAGING A PLURALITY OF ENERGY STORAGE ASSEMBLIES

[54] PROCEDE ET SYSTEME DE GESTION D'UNE PLURALITE D'ENSEMBLE DE STOCKAGE D'ENERGIE

[72] LE PAVEN, YVON, FR

[72] BRUNET, GILLES, FR

[72] SELLIN, CHRISTIAN, FR

[72] JESTIN, JEAN-JACQUES, FR

[71] BLUE SOLUTIONS, FR

[85] 2016-07-14

[86] 2015-01-16 (PCT/EP2015/050736)

[87] (WO2015/107136)

[30] FR (1450394) 2014-01-17

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[13] A1
[51] Int.Cl. G01N 33/68 (2006.01)
[25] EN
[54] PREDICTION OF POSTPARTUM
HELLP SYNDROME,
POSTPARTUM ECLAMPSIA OR
POSTPARTUM PREECLAMPSIA
[54] PREVISION DE SYNDROME
HELLP POST-NATAL,
D'ECLAMPSIE POST-NATALE OU
DE PREECLAMPSIE POST-
NATALE
[72] HUND, MARTIN, CH
[72] DIETERLE, THOMAS, DE
[72] LAPAIRE, OLAV, CH
[71] F.HOFFMANN-LA ROCHE AG, CH
[85] 2016-07-14
[86] 2015-01-26 (PCT/EP2015/051457)
[87] (WO2015/110624)
[30] EP (14152447.0) 2014-01-24

[21] 2,936,884
[13] A1
[51] Int.Cl. C07F 9/50 (2006.01) C07F 9/54
(2006.01)
[25] EN
[54] STABILIZED FORM OF
TETROFOSMIN AND ITS USE
[54] FORME STABILISEE DE
TETROFOSMINE ET SON
UTILISATION
[72] SCHILLER, EIK, DE
[71] ROTOP PHARMAKA GMBH, DE
[85] 2016-07-14
[86] 2015-01-28 (PCT/EP2015/051699)
[87] (WO2015/114002)
[30] EP (14152885.1) 2014-01-28

[21] 2,936,885
[13] A1
[51] Int.Cl. B60Q 3/02 (2006.01)
[25] EN
[54] ILLUMINATION DEVICE, IN
PARTICULAR IN A VEHICLE
[54] DISPOSITIF D'ECLAIRAGE EN
PARTICULIER POUR VEHICULE
AUTOMOBILE
[72] LA VECCHIA, ERMINIA, CH
[72] LA VECCHIA, CARMINE, CH
[71] LA VECCHIA, ERMINIA, CH
[71] LA VECCHIA, CARMINE, CH
[85] 2016-07-14
[86] 2015-01-30 (PCT/EP2015/051936)
[87] (WO2015/124408)
[30] EP (14155800.7) 2014-02-19

[21] 2,936,886
[13] A1
[51] Int.Cl. C07D 207/16 (2006.01) C07D
265/30 (2006.01) C07D 401/12
(2006.01) C07D 401/14 (2006.01)
C07D 403/06 (2006.01) C07D 403/12
(2006.01) C07D 405/12 (2006.01)
C07D 405/14 (2006.01) C07D 409/12
(2006.01) C07D 413/04 (2006.01)
C07D 413/06 (2006.01) C07D 413/12
(2006.01) C07D 413/14 (2006.01)
C07D 417/12 (2006.01) C07D 417/14
(2006.01) C07D 471/04 (2006.01)
[25] EN
[54] HETEROCYCLIC COMPOUNDS
AS NAV CHANNEL INHIBITORS
AND USES THEREOF
[54] COMPOSES HETEROCYCLIQUES
EN TANT QU'INHIBITEURS DU
CANAL NAV, ET LEURS
UTILISATIONS
[72] SHERER, BRIAN, US
[72] BRUGGER, NADIA, US
[71] MERCK PATENT GMBH, DE
[85] 2016-07-13
[86] 2015-02-26 (PCT/US2015/017694)
[87] (WO2015/130905)
[30] US (61/945,227) 2014-02-27

[21] 2,936,888
[13] A1
[51] Int.Cl. B01D 53/64 (2006.01)
[25] EN
[54] METHOD AND ARRANGEMENT
FOR REMOVING GASEOUS
ELEMENTARY MERCURY FROM
A STREAM OF GAS
[54] PROCEDE ET AGENCEMENT
PERMETTANT D'ELIMINER LE
MERCURE ELEMENTAIRE
GAZEUX D'UN FLUX DE GAZ
[72] ALLGULIN, TORKEL, SE
[71] OUTOTEC (FINLAND) OY, FI
[85] 2016-07-14
[86] 2015-01-27 (PCT/FI2015/050052)
[87] (WO2015/114212)
[30] FI (20145091) 2014-01-28

[21] 2,936,895
[13] A1
[51] Int.Cl. H04N 5/365 (2011.01) H04N
5/355 (2011.01) H04N 5/357 (2011.01)
H04N 5/359 (2011.01) H04N 5/3745
(2011.01)
[25] EN
[54] IMPROVED IMAGING METHOD
AND APPARATUS
[54] PROCEDE ET APPAREIL
D'IMAGERIE AMELIORES
[72] DENT, ALAN JOHN, GB
[72] MAN, KWONG CHEUNG, GB
[71] MBDA UK LIMITED, GB
[85] 2016-07-14
[86] 2015-01-23 (PCT/GB2015/050153)
[87] (WO2015/114311)
[30] GB (1401442.7) 2014-01-28
[30] EP (14275017.3) 2014-01-28

[21] 2,936,897
[13] A1
[51] Int.Cl. B05D 3/00 (2006.01) C09D 7/12
(2006.01) C10M 125/22 (2006.01)
[25] EN
[54] NANO-TRIBOLOGY
COMPOSITIONS AND RELATED
METHODS INCLUDING
MOLECULAR NANO-SHEETS
[54] COMPOSITIONS DE NANO-
TRIBOLOGIE ET PROCEDES
ASSOCIES COMPRENANT DES
NANO-FEUILLES
MOLECULAIRES
[72] MALSHIE, AJAY P., US
[71] NANOMECH, INC., US
[85] 2016-07-14
[86] 2014-12-22 (PCT/US2014/071886)
[87] (WO2015/119716)
[30] US (14/173,369) 2014-02-05

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[13] A1

[51] **Int.Cl. A47L 13/254 (2006.01) A47L 13/46 (2006.01) A47L 13/60 (2006.01)**

[25] EN

[54] **PORTABLE MOP AND MOP BUCKET USED THEREWITH**

[54] **BALAI A FRANGES LEGER ET SEAU POUR BALAI A FRANGES UTILISE AVEC CELUI-CI**

[72] LI, JUN, CN

[72] LI, NAN, CN

[72] LI, DA, CN

[71] LI, JUN, CN

[85] 2016-07-21

[86] 2015-01-20 (PCT/CN2015/071085)

[87] (WO2015/109990)

[30] CN (201410028151.8) 2014-01-22

[30] CN (201420038398.3) 2014-01-22

[21] 2,936,900
[13] A1

[51] **Int.Cl. C08G 77/28 (2006.01) C08G 77/442 (2006.01)**

[25] EN

[54] **POLYMERS COMPRISING SULFONIC ACID GROUPS**

[54] **POLYMERES COMPRENANT DES GROUPES ACIDE SULFONIQUE**

[72] MAHADEVAN, SHIVKUMAR, US

[72] MAGGIO, THOMAS L., US

[72] HEALY, BRENT MATTHEW, US

[72] SONODA, LEILANI K., US

[72] TURNAGE, MICHELLE CARMAN, US

[72] VASHI, HEMANTKUMAR, US

[71] JOHNSON & JOHNSON VISION CARE, INC., US

[85] 2016-07-14

[86] 2015-01-06 (PCT/US2015/010283)

[87] (WO2015/108722)

[30] US (14/155,678) 2014-01-15

[21] 2,936,902
[13] A1

[51] **Int.Cl. E21B 19/16 (2006.01)**

[25] EN

[54] **SPINNER WRENCH FOR A DRILLING RIG**

[54] **CLE TOURNANTE POUR APPAREIL DE FORAGE**

[72] SCEKIC, VLADIMIR, CA

[72] MCCORRISTON, TODD, CA

[72] MCDUGALL, PATRICK, CA

[71] DRILLFORM TECHNICAL SERVICES LTD., CA

[85] 2016-07-14

[86] 2015-01-16 (PCT/CA2015/000029)

[87] (WO2015/106344)

[30] US (61/928,888) 2014-01-17

[21] 2,936,903
[13] A1

[51] **Int.Cl. C01B 3/44 (2006.01) B01J 23/755 (2006.01) C10G 2/00 (2006.01)**

[25] EN

[54] **PROCESS AND CATALYST SYSTEM FOR THE PRODUCTION OF HIGH QUALITY SYNGAS FROM LIGHT HYDROCARBONS AND CARBON DIOXIDE**

[54] **PROCEDE ET SYSTEME DE CATALYSEUR POUR LA PRODUCTION DE GAZ DE SYNTHESE DE HAUTE QUALITE A PARTIR D'HYDROCARBURES LEGERES ET DE DIOXYDE DE CARBONE**

[72] SCHUETZLE, ROBERT, US

[72] SCHUETZLE, DENNIS, US

[71] GREYROCK ENERGY, INC., US

[85] 2016-07-14

[86] 2014-07-16 (PCT/US2014/000163)

[87] (WO2015/012882)

[30] US (61/958,235) 2013-07-22

[21] 2,936,905
[13] A1

[51] **Int.Cl. G06Q 20/28 (2012.01) G06Q 20/20 (2012.01)**

[25] EN

[54] **RETAIL GIFT CARD SYSTEM WITH INTEGRATED ACCOUNT AND SALES RECEIPT TRACKING**

[54] **SYSTEME DE CARTE-CADEAU DE VENTE AU DETAIL INTEGRANT UN SUIVI DE COMPTE ET DE RECU D'ACHAT**

[72] HIGH, DONALD RAY, US

[72] ATCHLEY, MICHAEL D., US

[72] HARDIN, ANDREW C., US

[72] RONE, NICHOLAS D., US

[71] WAL-MART STORES, INC., US

[85] 2016-07-14

[86] 2014-01-28 (PCT/US2014/013293)

[87] (WO2014/117122)

[30] US (13/751,584) 2013-01-28

[21] 2,936,907
[13] A1

[51] **Int.Cl. C12N 9/96 (2006.01) C07K 14/47 (2006.01) C12N 9/10 (2006.01) C12N 9/88 (2006.01) C12Q 1/48 (2006.01) G01N 33/15 (2006.01) G01N 33/48 (2006.01)**

[25] EN

[54] **ACETAMINOPHEN PROTEIN ADDUCTS AND METHODS OF USE THEREOF**

[54] **ADDUITS DE PROTEINE ACETAMINOPHENE ET LEURS PROCEDES D'UTILISATION**

[72] JAMES, LAURA P., US

[72] HINSON, JACK, US

[72] ROBERTS, DEAN, US

[72] GILL, PRITMOHINDER S., US

[71] ARKANSAS CHILDREN'S HOSPITAL RESEARCH INSTITUTE, INC., US

[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US

[85] 2016-07-13

[86] 2015-02-13 (PCT/US2015/015905)

[87] (WO2015/123574)

[30] US (61/940,023) 2014-02-14

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[13] A1
[51] Int.Cl. C09K 8/50 (2006.01)
[25] EN
[54] MULTI-MODAL PARTICLE SIZE DISTRIBUTION LOST CIRCULATION MATERIAL
[54] COLMATANT A GRANULOMETRIE MULTIMODALE POUR PERTE DE CIRCULATION
[72] WHITFILL, DONALD L., US
[72] MILLER, MATTHEW LYNN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-14
[86] 2014-02-18 (PCT/US2014/016950)
[87] (WO2015/126368)

[21] 2,936,911
[13] A1
[51] Int.Cl. E21B 23/14 (2006.01) E21B 4/18 (2006.01) E21B 23/00 (2006.01)
[25] EN
[54] DOWNHOLE TRACTOR WITH REDUNDANT MOTOR DRIVES WITH INDEPENDENT CIRCUIT BREAKERS
[54] TRACTEUR DE FOND DE TROU A MOTEURS D'ENTRAINEMENT REDONDANTS POURVUS DE DISJONCTEURS INDEPENDANTS
[72] BONDEROVER, EITAN, NO
[72] SCHROIT, SAM, NO
[71] C6 TECHNOLOGIES AS, NO
[85] 2016-07-14
[86] 2014-01-28 (PCT/NO2014/000006)
[87] (WO2015/115904)

[21] 2,936,913
[13] A1
[51] Int.Cl. C09K 8/035 (2006.01) C09K 8/52 (2006.01)
[25] EN
[54] TREATMENT FLUIDS FOR REDUCING SUBTERRANEAN FORMATION DAMAGE
[54] FLUIDES DE TRAITEMENT PERMETTANT LA REDUCTION DE LA DEGRADATION D'UNE FORMATION SOUTERRAINE
[72] GAMAGE, PUBUDU H., US
[72] MCDANIEL, CATO RUSSELL, US
[72] SHUMWAY, WILLIAM WALTER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-07-14
[86] 2014-03-28 (PCT/US2014/032130)
[87] (WO2015/147852)

[21] 2,936,914
[13] A1
[51] Int.Cl. C12N 5/0787 (2010.01) C12N 5/07 (2010.01) C12N 5/078 (2010.01) B01D 37/02 (2006.01) C07K 1/22 (2006.01) C07K 16/28 (2006.01) C12N 1/00 (2006.01) C12N 15/10 (2006.01) G01N 1/34 (2006.01) G01N 33/574 (2006.01)
[25] EN
[54] METHOD FOR SEPARATING TARGET ENTITIES FROM A SAMPLE USING A COMPOSITION OF MONO-SPECIFIC TETRAMERIC ANTIBODY COMPLEXES COUPLED TO A SURFACE
[54] PROCEDE POUR SEPARER DES ENTITES CIBLES D'UN ECHANTILLON, A L'AIDE D'UNE COMPOSITION DE COMPLEXES D'ANTICORPS TETRAMERES MONO-SPECIFIQUES COUPLES A UNE SURFACE
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[71] STEMCELL TECHNOLOGIES INC., CA
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[54] PROCEDE ET DISPOSITIF PERMETTANT D'ACTIVER ET DE DESACTIVER UN OUTIL GS
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[71] QINTERRA TECHNOLOGIES AS, NO
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[54] METHOD FOR CONVERSION OF A VESSEL FOR USE AS FLOATING LIQUEFIED NATURAL GAS FACILITY
[54] PROCEDE DE CONVERSION D'UN NAVIRE A UTILISER EN TANT QU'INSTALLATION DE GAZ NATUREL LIQUEFIE FLOTTANTE
[72] SHIN, JOHN KWANGHO, US
[71] BECHTEL HYDROCARBON TECHNOLOGY SOLUTIONS, INC., US
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[54] **SYSTEME DE FRACTURATION A HAUTE PRESSION A MULTIPLES ETAGES AVEC SYSTEME DE COMPTAGE**

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[72] SMOLKA, ROBERT STEVE, CA
[71] COMPLETIONS RESEARCH AG, CH
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[13] A1

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[54] **METHOD TO PROVIDE PIPELINE QUALITY NATURAL GAS**

[54] **PROCEDE POUR PRODUIRE DU GAZ NATUREL DE QUALITE DE GAZODUC**

[72] MATTEUCCI, SCOTT T., US
[72] BADHWAR, AJAY N., US
[72] SHURGOTT, NICHOLAS J., US
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[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **BREATHING ASSISTANCE APPARATUS WITH LIQUID CONTAINMENT**

[54] **APPAREIL D'ASSISTANCE RESPIRATOIRE AVEC CONFINEMENT DE LIQUIDE**

[72] SUN, YI-CHENG, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
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[54] **ELECTRONIC DEVICE AND POWER ADAPTER THEREFOR**

[54] **DISPOSITIF ELECTRONIQUE ET SON ADAPTATEUR DE PUISSANCE**

[72] ZHANG, JIALIANG, CN
[72] WU, KEWEI, CN
[72] ZHANG, JUN, CN
[72] LIAO, FUCHUN, CN
[72] LIU, NIANFENG, CN
[72] HU, YUANXIANG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **ANTAGONISTE DE VISTA ET PROCEDES D'UTILISATION**

[72] SPALLER, MARK, US
[72] CEERAZ, SABRINA, US
[72] LEMERCIER, ISABELLE, US
[72] NOWAK, ELIZABETH, US
[72] WANG, LI, US
[72] NOELLE, RANDOLPH J., US
[72] LINES, JANET, US
[71] SPALLER, MARK, US
[71] KINGS COLLEGE LONDON, GB
[71] THE TRUSTEES OF DARTMOUTH COLLEGE, US
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[54] **METHOD OF FORMING A MUDLINE CELLAR FOR OFFSHORE ARCTIC DRILLING**

[54] **PROCEDE DE FORMATION D'UNE CAVE DE CONDUITE DE BOUE POUR FORAGE EN MER EN ARCTIQUE**

[72] AURORA, RAVI P., US
[72] WINFREE, MIKE B., US
[72] HIAFFNER, JEAN-CHRISTIAN M., US
[71] CONOCOPHILLIPS COMPANY, US
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[54] **POLYMERES DE POLYESTER COMPRENANT DE LA LIGNINE**
[72] BOWMAN, MARK P., US
[72] CONLEY, CAROLE A., US
[72] SCHWENDEMAN, IRINA G., US
[72] HIBBERT, MERCY M., AU
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **SYSTEMES ET PROCEDES DE REDUCTION DE DEGRADATION DE POLYMERE**
[72] MINNOCK, KEVIN PETER, US
[72] GNANAVELU, ABINESH, IE
[72] QUIN, DAVID FRANCIS ANTHONY, IE
[72] MCDONNELL, PADRAIC EDWARD, IE
[72] MCHUGH, EDMUND PETER, IE
[72] GRAY, CONOR JAMES, IE
[72] MULLIN, MICHAEL DAVID, IE
[72] CHAMBERS, STEPHEN A., IE
[72] SMYTH, RAYMOND NICHOLAS, IE
[72] ELLIOTT, DECLAN, IE
[72] EVANS, FINBARR WILLIAM, IE
[71] CAMERON INTERNATIONAL CORPORATION, US
[85] 2016-07-14
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[54] **METHOD AND SYSTEM OF USING ELECTROMAGNETISM TO CONTROL FERTILIZER LEACHING**
[54] **PROCEDE ET SYSTEME D'UTILISATION DE L'ELECTROMAGNETISME POUR REGULER UNE LIXIVIATION D'ENGRAIS**
[72] ROSSI, TIMOTHY JAMES, US
[71] ROSSI, TIMOTHY JAMES, US
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[54] **MOVABLE RACK ASSEMBLY WITH CORNER SPRAY NOZZLES**
[54] **ENSEMBLE PANIER MOBILE AVEC BUSES DE PULVERISATION EN ANGLE**
[72] VOYER, GUILLAUME, CA
[72] PARENT, GHIHLAIN, CA
[71] STERIS INC., US
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[54] **DEVICE AND METHOD OF MANUFACTURING CUSTOMIZABLE THREE-DIMENSIONAL OBJECTS**
[54] **DISPOSITIF ET PROCEDE DE FABRICATION D'OBJETS TRIDIMENSIONNELS PERSONNALISABLES**
[72] SHAH, SAMIR, CA
[72] SHAH, ABIR, US
[72] SHAH, SHIKHAR, CA
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[54] **PROCEDE ET SYSTEME D'ANALYSE DU MICROBIOME**
[72] APTE, ZACHARY, US
[72] RICHMAN, JESSICA, US
[71] UBIOME, INC., US
[85] 2016-07-14
[86] 2015-01-09 (PCT/US2015/010824)
[87] (WO2015/112352)
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[30] US (61/953,683) 2014-03-14
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[54] **PASSENGER BEHAVIOUR RATING FOR IMPROVED RISK MANAGEMENT IN TRANSIT SYSTEMS**

[54] **EVALUATION DE COMPORTEMENT DE PASSAGER POUR GESTION DES RISQUES AMELIOREE DANS DES SYSTEMES DE TRANSPORT**

[72] MONK, PAUL, US

[71] CUBIC CORPORATION, US

[85] 2016-07-14

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[54] **SHAVING CARTRIDGES HAVING THERMAL SENSORS**

[54] **CARTOUCHES DE RASAGE PRESENTANT DES CAPTEURS THERMIQUES**

[72] HEUBACH, KLAUS, DE

[72] BROEMSE, NORBERT, DE

[72] SCHMITT, TIMO, DE

[72] SCHIRMER, MAURICE, DE

[72] KOENIG, FELIX, DE

[71] THE GILLETTE COMPANY, US

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[54] **PROCEDES DE MUTAGENESE**

[72] XU, TIAN, US

[72] ROTHBERG, JONATHAN M., US

[71] LAM THERAPEUTICS, INC., US

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[54] **PROGRAMMABLE FUEL CELL AND GROMMET WARM-UP CIRCUITRY AND METHODS FOR USE IN SOBRIETY TESTING SYSTEMS**

[54] **PILE A COMBUSTIBLE PROGRAMMABLE ET CIRCUIT DE PRECHAUFFAGE A CILLET ET PROCEDES D'UTILISATION DANS DES SYSTEMES DE TEST DE LA SOBRIETE**

[72] BALLARD, JAMES RALPH, US

[71] 1A SMART START LLC, US

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[54] **APPAREIL DE MOULAGE PAR INJECTION**

[72] ZHANG, SHUAI, CN

[72] LIN, XIAOFENG, CN

[72] LI, PING, CN

[72] SUN, XIAOWEI, CN

[72] ZHAO, XIAOYU, CN

[71] SAINT-GOBAIN GLASS FRANCE, FR

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[54] **CYCLODEXTRIN COMPOSITIONS ENCAPSULATING A SELECTIVE ATP INHIBITOR AND USES THEREOF**

[54] **COMPOSITIONS DE CYCLODEXTRINE ENCAPSULANT UN INHIBITEUR ATP SELECTIF ET LEURS UTILISATIONS**

[72] GESCHWIND, JEAN-FRANCOIS, US

[72] GANAPATHY-KANNIAPPAN, SHANMUGASUNDARAM, US

[72] SUR, SUROJIT, US

[72] VOGELSTEIN, BERT, US

[72] KINZLER, KENNETH W., US

[71] THE JOHNS HOPKINS UNIVERSITY, US

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[54] **DISPOSITIF DE PELLETTISATION AVEC ROTOR DE COUPE**

[72] HARMON, TIM, US

[71] MAAG AUTOMATIK GMBH, DE

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[72] PARKER, GENE, US

[71] ABILITY DYNAMICS, LLC, US

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[54] POLYMERES A BASE DE SOUFRE
[72] WALTHER, BURKHARD, DE
[72] FEICHTENSCHLAGER, BERNHARD, DE
[72] WOLFE, HEIMO, DE
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
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[51] Int.Cl. B26B 21/48 (2006.01) B26B 21/40 (2006.01)
[25] EN
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[54] RASOIRS CHAUFFES
[72] HODGSON, MATTHEW JAMES, GB
[72] BROEMSE, NORBERT, DE
[72] HIEUBACH, KLAUS, DE
[72] SCHMITT, TIMO, DE
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[72] KOENIG, FELIX, DE
[71] THE GILLETTE COMPANY, US
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[54] APPAREIL A TIGE DE SOUPAPE A UTILISER AVEC DES SOUPAPES ROTATIVES
[72] ARNOLD, DAVID ANTHONY, US
[72] HALM, DAVID GEORGE, US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2016-07-14
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[54] POLYTHERAPIE POUR LE TRAITEMENT D'INFECTIONS PAR LE VHB
[72] HARTMAN, GEORGE D., US
[71] NOVIRA THERAPEUTICS, INC., US
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[86] 2015-02-05 (PCT/US2015/014663)
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[72] LUNDQVIST, TOMAS, US
[72] JAWAD, ANTHONY, US
[71] GOOGLE INC., US
[85] 2016-07-14
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[54] DRAIN DE FILTRE A LIQUIDE AVEC EVENT D'AIR INTEGRE
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[72] MOREHOUSE, DARRELL, US
[72] SEELYE, JOSHUA L., US
[71] CATERPILLAR INC., US
[85] 2016-07-14
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[51] Int.Cl. C07K 1/16 (2006.01) A61L 2/08 (2006.01) B01D 15/20 (2006.01)
[25] EN
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[54] CHROMATOGRAPHIE STERILE ET PROCEDES DE FABRICATION
[72] GODAWAT, RAHUL, US
[72] WARIKOO, VEENA, US
[72] PATIL, ROHAN, US
[72] KONSTANTINOV, KONSTANTIN, US
[72] RYAKALA, VENKAT KISHORE, US
[72] ROHANI, MAHSA, US
[71] GENZYME CORPORATION, US
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[54] **NO-RELEASING NITROOXY-CHROMENE CONJUGATES**

[54] **CONJUGUES NITROOXY-CHROMENE A LIBERATION DE NO**

[72] TALLEY, JOHN J., US

[72] MARTINEZ, EDUARDO J., US

[71] EUCLISES PHARMACEUTICALS, INC., US

[85] 2016-07-14

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[54] **COMBO-HEPATITIS ANTIGEN ASSAYS AND KITS FOR DETECTION OF ACTIVE HEPATITIS VIRUS INFECTIONS**

[54] **DOSAGES COMBINES DE L'ANTIGENE DE L'HEPATITE ET KITS POUR LA DETECTION D'INFECTIONS ACTIVES DUES AU VIRUS DE L'HEPATITE**

[72] HU, KE-QIN, US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2016-07-14

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[30] US (61/938,590) 2014-02-11

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[54] **NOVEL CYTOCHROME P450 POLYPEPTIDE WITH INCREASED ENZYMATIC ACTIVITY**

[54] **POLYPEPTIDE DE CYTOCHROME P450 A ACTIVITE ENZYMATIQUE ACCRUE**

[72] BERTIN, MARINE, FR

[72] DUMAS, BRUNO, FR

[71] SANOFI, FR

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[86] 2015-01-19 (PCT/EP2015/050866)

[87] (WO2015/107185)

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[13] A1

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[54] **HIGH EFFICIENCY POUR POINT REDUCTION PROCESS**

[54] **PROCEDE DE REDUCTION DU POINT D'ECOLEMENT A EFFICACITE ELEVEE**

[72] COPPOLA, EDWARD N., US

[72] NANA, SANJAY, US

[72] RED, CHARLES, JR., US

[71] APPLIED RESEARCH ASSOCIATES, INC., US

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[25] EN

[54] **AN ENTITY HANDLE REGISTRY TO SUPPORT TRAFFIC POLICY ENFORCEMENT**

[54] **REGISTRE DE PSEUDONYME D'ENTITE POUR PRENDRE EN CHARGE UNE EXECUTION DE POLITIQUE DE TRAFIC**

[72] ADOGLA, EDEN GRAIL, US

[71] AMAZON TECHNOLOGIES, INC., US

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[87] (WO2015/109051)

[30] US (14/158,504) 2014-01-17

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[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01)**

[25] EN

[54] **WATER CONTROL IN NON-AQUEOUS ACID GAS REMOVAL SYSTEMS**

[54] **CONTROLE DE L'EAU DANS DES SYSTEMES DE RECUPERATION DE GAZ ACIDE NON AQUEUX**

[72] COLEMAN, LUKE, US

[72] LAIL, MARTY, US

[72] AMATO, KELLY E., US

[72] TANTHANA, JAK, US

[71] RESEARCH TRIANGLE INSTITUTE, US

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[25] EN

[54] **SYSTEMS AND METHODS FOR MONITORING INDIVIDUALS FOR SUBSTANCE USE**

[54] **SYSTEMES ET PROCEDES POUR LA SURVEILLANCE D'INDIVIDUS EN CE QUI CONCERNE L'UTILISATION D'UNE SUBSTANCE**

[72] GROHMAN, WOJCIECH, US

[72] BALLARD, JAMES RALPH, US

[71] IA SMART START, INC., US

[85] 2016-07-14

[86] 2015-02-18 (PCT/US2015/016255)

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[13] A1
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[25] EN
[54] EXPANDABLE AND EXPANDED THERMOPLASTIC MATERIALS AND METHODS THEREOF
[54] MATERIAUX THERMOPLASTIQUES EXPANSIBLES ET EXPANSES ET PROCEDES ASSOCIES
[72] BLUMSOM, JAMES, CA
[71] PRESIDUM USA INC., US
[85] 2016-07-14
[86] 2015-01-14 (PCT/US2015/011331)
[87] (WO2015/108925)
[30] US (61/927,774) 2014-01-15

[21] 2,936,960
[13] A1
[51] Int.Cl. A47K 5/12 (2006.01)
[25] EN
[54] DISPENSER APPARATUS FOR DISPENSING LIQUID SOAP, LOTION OR OTHER LIQUID
[54] APPAREIL DISTRIBUTEUR DESTINE A DISTRIBUER DU SAVON LIQUIDE, UNE LOTION OU D'AUTRES LIQUIDES
[72] MUDERLAK, TODD J., US
[71] DISPENSING DYNAMICS INTERNATIONAL, US
[85] 2016-07-14
[86] 2015-01-15 (PCT/US2015/011584)
[87] (WO2015/126542)
[30] US (14/155,551) 2014-01-15

[21] 2,936,961
[13] A1
[51] Int.Cl. G01N 21/84 (2006.01) G01J 3/36 (2006.01) H04N 5/235 (2006.01)
[25] EN
[54] A SYSTEM AND METHOD FOR IMAGE ACQUISITION USING SUPERVISED HIGH QUALITY IMAGING
[54] SYSTEME ET PROCEDE D'ACQUISITION D'IMAGES AU MOYEN D'UNE IMAGERIE HAUTE QUALITE SUPERVISEE
[72] MARCELOIL, RAPHAEL R., FR
[72] ORNY, CEDRICK, FR
[72] MOREL, DIDIER, FR
[71] BD KIESTRA B.V., NL
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[30] US (61/933,426) 2014-01-30

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[51] Int.Cl. A61K 9/127 (2006.01) A61K 31/7034 (2006.01) A61K 31/724 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] LIPOSOME COMPOSITIONS ENCAPSULATING MODIFIED CYCLODEXTRIN COMPLEXES AND USES THEREOF
[54] COMPOSITIONS A BASE DE LIPOSOMES ENCAPSULANT DES COMPLEXES DE CYCLODEXTRINE MODIFIEE ET UTILISATIONS DE CELLES-CI
[72] VOGELSTEIN, BERT, US
[72] KINZLER, KENNETH W., US
[72] ZHOU, SHIBIN, US
[72] SUR, SUROJIT, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
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[30] US (61/927,233) 2014-01-14

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[13] A1
[51] Int.Cl. F16L 59/02 (2006.01)
[25] EN
[54] HYBRID, HIGH-TEMPERATURE INSULATION PRODUCT, AND RELATED SYSTEM AND PROCESS
[54] PRODUIT HYBRIDE D'ISOLATION HAUTE TEMPERATURE, ET SYSTEME ET PROCEDES ASSOCIES
[72] JURANITCH, JAMES C., US
[71] AXENIC POWER, LLC, US
[85] 2016-07-14
[86] 2015-01-16 (PCT/US2015/011814)
[87] (WO2015/109226)
[30] US (61/928,353) 2014-01-16

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[51] Int.Cl. A01N 43/653 (2006.01) A01N 25/10 (2006.01) A01N 25/14 (2006.01) A01N 25/30 (2006.01) A01P 3/00 (2006.01)
[25] EN
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[54] FORMULATIONS DE TRIAZOLE
[72] LI, FUGANG, CA
[72] PHAM, HUNG HOANG, CA
[72] GONG, RACHEL, CA
[72] ANDERSON, DARREN J., CA
[71] VIVE CROP PROTECTION INC., CA
[85] 2016-07-14
[86] 2014-01-31 (PCT/IB2014/058719)
[87] (WO2014/118753)
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[13] A1
[51] Int.Cl. A63F 13/53 (2014.01) A63F 13/20 (2014.01) A63F 13/25 (2014.01) A63F 13/812 (2014.01) A63F 13/85 (2014.01)
[25] EN
[54] METHOD AND SYSTEM FOR PORTRAYING A PORTAL WITH USER-SELECTABLE ICONS ON A LARGE FORMAT DISPLAY SYSTEM
[54] PROCEDE ET SYSTEME PREVUS POUR REPRESENTER UN PORTAIL AVEC DES ICONES POUVANT ETRE SELECTIONNEES PAR L'UTILISATEUR SUR UN SYSTEME D'AFFICHAGE GRAND FORMAT
[72] STECHSCHULTE, THEODORE, J., US
[72] MAASS, WALLACE, US
[71] I/P SOLUTIONS, INC., US
[71] ABOUTGOLF, LIMITED, US
[85] 2016-07-14
[86] 2015-01-21 (PCT/US2015/012262)
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[13] A1

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[54] **MECTIN AND MILBEMYCIN FORMULATIONS**

[54] **FORMULATIONS DE MECTINE ET DE MILBEMYCINE**

[72] LI, FUGANG, CA

[72] PHAM, HUNG HOANG, CA

[72] ANDERSON, DARREN J., CA

[71] VIVE CROP PROTECTION INC., CA

[85] 2016-07-14

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[87] (WO2014/122598)

[30] US (61/760,902) 2013-02-05

[21] **2,936,969**
[13] A1

[51] **Int.Cl. B01D 15/18 (2006.01) A61L 2/08 (2006.01) B01D 15/20 (2006.01)**

[25] EN

[54] **STERILE CHROMATOGRAPHY RESIN AND USE THEREOF IN MANUFACTURING PROCESSES**

[54] **RESINE DE CHROMATOGRAPHIE STERILE ET SON UTILISATION DANS DES PROCEDES DE FABRICATION**

[72] GODAWAT, RAHUL, US

[72] WARIKOO, VEENA, US

[72] PATIL, ROHAN, US

[72] KONSTANTINOV, KONSTANTIN, US

[72] RYAKALA, VENKAT KISHORE, US

[71] GENZYME CORPORATION, US

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[86] 2015-01-16 (PCT/US2015/011705)

[87] (WO2015/109151)

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[30] US (62/001,498) 2014-05-21

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[13] A1

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[25] EN

[54] **VALVED CONNECTOR FOR MEDICAL LINES**

[54] **RACCORD AVEC SOUPEPE POUR TUBULURES MEDICALES**

[72] GUALA, GIANNI, IT

[71] INDUSTRIE BORLA S.P.A., IT

[85] 2016-07-14

[86] 2014-12-31 (PCT/IB2014/067444)

[87] (WO2015/114428)

[30] IT (TO2014A000078) 2014-01-31

[21] **2,936,971**
[13] A1

[51] **Int.Cl. G09F 3/20 (2006.01)**

[25] EN

[54] **ORDERED STACK OF BOUND PRE-PRINTED PRODUCT INFORMATION SHEETS FOR A STORE**

[54] **PILE ORDONNEE DE FEUILLES D'INFORMATIONS SUR DES PRODUITS PREIMPRIMEES, ASSEMBLEES ET DESTINEES A UN MAGASIN**

[72] DALE, ERNEST JAMES, US

[72] JIRON, JAMES FERNANDO, US

[72] DESMET, JOHN PATRICK, US

[72] ROWELL, NATHAN ANDREW, US

[71] INFORMATION PLANNING & MANAGEMENT SERVICE INC., US

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[87] (WO2015/112620)

[30] US (14/160,005) 2014-01-21

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[13] A1

[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01)**

[25] EN

[54] **PROVIDING AGGREGATED METADATA FOR PROGRAMMING CONTENT**

[54] **FOURNITURE DE METADONNEES AGREGES POUR PROGRAMMER UN CONTENU**

[72] MORTEN, GLENN, US

[71] OPENTV, INC., US

[85] 2016-07-14

[86] 2015-01-22 (PCT/US2015/012530)

[87] (WO2015/112764)

[30] US (14/161,476) 2014-01-22

[21] **2,936,973**
[13] A1

[51] **Int.Cl. G21D 5/00 (2006.01) G21C 19/42 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR GENERATING ELECTRICITY USING WASTE NUCLEAR FUEL**

[54] **PROCEDE ET SYSTEME POUR PRODUIRE DE L'ELECTRICITE A PARTIR DE DECHETS DE COMBUSTIBLE NUCLEAIRE**

[72] BODI, ROBERT F., US

[72] STUART, MARTIN A., US

[71] BODI, ROBERT F., US

[71] STUART, MARTIN A., US

[85] 2016-07-14

[86] 2015-01-22 (PCT/US2015/012386)

[87] (WO2015/160407)

[30] US (61/930,027) 2014-01-22

[21] **2,936,974**
[13] A1

[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/4985 (2006.01) A61K 31/519 (2006.01)**

[25] EN

[54] **CRF1 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF CONGENITAL ADRENAL HYPERPLASIA**

[54] **ANTAGONISTES DU RECEPTEUR CRF1 POUR LE TRAITEMENT DE L'HYPERPLASIE SURRENALENNNE CONGENITALE**

[72] GRIGORIADIS, DIMITRI E., US

[71] NEUROCRINE BIOSCIENCES, INC., US

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[30] US (61/981,033) 2014-04-17

[30] US (62/069,155) 2014-10-27

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[13] A1
[51] Int.Cl. A01K 67/027 (2006.01) C12N 5/07 (2010.01) C07H 21/04 (2006.01) C12P 21/02 (2006.01) C12P 21/08 (2006.01)
[25] EN
[54] HIGH-THROUGHPUT MOUSE MODEL FOR OPTIMIZING ANTIBODY AFFINITIES
[54] MODELE DE SOURIS A HAUT RENDEMENT POUR OPTIMISER DES AFFINITES D'ANTICORPS
[72] ALT, FREDERICK, US
[72] CHENG, HWEL-LING, US
[72] TIAN, MING, US
[71] CHILDREN'S MEDICAL CENTER CORPORATION, US
[85] 2016-07-14
[86] 2015-01-23 (PCT/US2015/012577)
[87] (WO2015/112790)
[30] US (61/931,074) 2014-01-24

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[13] A1
[51] Int.Cl. C07K 16/30 (2006.01)
[25] EN
[54] ANTI-NY-BR-1 POLYPEPTIDES, PROTEINS, AND CHIMERIC ANTIGEN RECEPTORS
[54] POLYPEPTIDES, PROTEINES ET RECEPTEURS CHIMERES D'ANTIGENES ANTI-NY-BR-1
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[72] ROSENBERG, STEVEN A., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[86] 2015-01-23 (PCT/US2015/012633)
[87] (WO2015/112830)
[30] US (61/931,095) 2014-01-24

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[13] A1
[51] Int.Cl. H04L 9/32 (2006.01)
[25] EN
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[54] VERIFICATION DE JETON A L'AIDE DE CERTIFICATS A USAGE LIMITE
[72] AABYE, CHRISTIAN, US
[72] SULLIVAN, BRIAN, US
[72] WILSON, DAVE, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2016-07-14
[86] 2015-02-04 (PCT/US2015/014504)
[87] (WO2015/120082)
[30] US (61/935,625) 2014-02-04

[21] 2,936,986
[13] A1
[51] Int.Cl. G07C 13/00 (2006.01)
[25] EN
[54] METHODS AND APPARATUS FOR VOTER REGISTRATION AND VOTING USING MOBILE COMMUNICATION DEVICES
[54] PROCEDES ET APPAREIL D'INSCRIPTION ELECTORALE ET DE VOTE A L'AIDE DE DISPOSITIFS DE COMMUNICATION MOBILE
[72] DASHIFF, DUNCAN, US
[72] MASSEY, ROD, US
[72] URMY, MATT, US
[71] ICHITZEN CORPORATION, US
[85] 2016-07-14
[86] 2015-02-06 (PCT/US2015/014869)
[87] (WO2015/120307)
[30] US (61/936,470) 2014-02-06

[21] 2,936,987
[13] A1
[51] Int.Cl. G10L 21/038 (2013.01)
[25] EN
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[54] EXTENSION DE LARGEUR DE BANDE D'HARMONIQUE DE SIGNAUX AUDIO
[72] SUBASINGHA, SUBASINGHA SHAMINDA, US
[72] KRISHNAN, VENKATESH, US
[72] ATTI, VENKATRAMAN S., US
[72] RAJENDRAN, VIVEK, US
[71] QUALCOMM INCORPORATED, US
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[86] 2015-02-10 (PCT/US2015/015242)
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[30] US (14/617,524) 2015-02-09

[21] 2,936,988
[13] A1
[51] Int.Cl. B60K 28/10 (2006.01) B60K 28/02 (2006.01) B60K 28/06 (2006.01)
[25] EN
[54] VEHICLE SOBRIETY INTERLOCK SYSTEMS AND METHODS WITH VEHICLE WARM-UP SUPPORT
[54] SYSTEMES DE VERROUILLAGE DE SOBRIETE POUR VEHICULES ET PROCEDES AVEC PRISE EN CHARGE DU PRECHAUFFAGE D'UN VEHICULE
[72] NELSON, AARON THEODORE, US
[71] IA SMART START LLC, US
[85] 2016-07-14
[86] 2015-03-05 (PCT/US2015/018954)
[87] (WO2015/138213)
[30] US (61/950,579) 2014-03-10
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[13] A1

[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND APPARATUS FOR GAIT MODULATION AND METHODS OF USE**
[54] **SYSTEMES ET APPAREIL POUR MODULATION DE DEMARCHE, ET PROCEDES D'UTILISATION**
[72] GLUKHOVSKY, ARKADY, US
[72] MCBRIDE, KEITH, US
[71] BIONESS INC., US
[85] 2016-07-14
[86] 2015-03-17 (PCT/US2015/020992)
[87] (WO2015/148184)
[30] US (14/223,340) 2014-03-24

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[13] A1

[51] **Int.Cl. B01D 53/26 (2006.01)**
[25] EN
[54] **RECYCLING OF WASTE HEAT BY DEHUMIDIFIER APPLIANCE: APPARATUS AND METHOD**
[54] **RECYCLAGE DE CHALEUR PERDUE PAR UN APPAREIL DE DESHUMIDIFICATION : APPAREIL ET PROCEDE**
[72] LAURENT, ROBERT A., US
[71] 2525 GROUP, INC., US
[85] 2016-07-14
[86] 2015-03-18 (PCT/US2015/021149)
[87] (WO2015/142983)
[30] US (61/968,590) 2014-03-21

[21] **2,937,006**
[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
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[54] **PROCEDE POUR UNE MEILLEURE SYNTHESE DE L'OXYCODONE**
[72] GIGUERE, JOSHUA ROBERT, US
[72] MCCARTHY, KEITH EDWARD, US
[72] SCHLEUSNER, MARCEL, US
[71] RHODES TECHNOLOGIES, US
[85] 2016-07-14
[86] 2015-01-15 (PCT/IB2015/050294)
[87] (WO2015/107471)
[30] US (61/927,888) 2014-01-15

[21] **2,937,007**
[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01) A61K 31/485 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVED OXYMORPHONE SYNTHESIS**
[54] **PROCEDE POUR UNE MEILLEURE SYNTHESE DE L'OXYMORPHONE**
[72] GIGUERE, JOSHUA ROBERT, US
[72] MCCARTHY, KEITH EDWARD, US
[72] SCHLEUSNER, MARCEL, US
[71] RHODES TECHNOLOGIES, US
[85] 2016-07-14
[86] 2015-01-15 (PCT/IB2015/050295)
[87] (WO2015/107472)
[30] US (61/927,938) 2014-01-15

[21] **2,937,009**
[13] A1

[51] **Int.Cl. A01N 57/20 (2006.01) A01N 25/30 (2006.01)**
[25] EN
[54] **STABLE HERBICIDAL COMPOSITIONS**
[54] **COMPOSITIONS HERBICIDES STABLES**
[72] BHOGGE, SATISH EKANATH, IN
[72] TALATI, PARESH VITHALDAS, IN
[72] SHIROFF, JAIDEV RAJNIKANT, IN
[71] UPL LTD, IN
[85] 2016-07-14
[86] 2015-01-19 (PCT/IB2015/050383)
[87] (WO2015/114483)
[30] IN (141/KOL/2014) 2014-02-03

[21] **2,937,012**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61K 31/506 (2006.01) A61K 31/5415 (2006.01) A61K 31/551 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61P 25/28 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **FUSED PYRAZOLE DERIVATIVE**
[54] **DERIVE DE PYRAZOLE FUSIONNE**
[72] YOSHINAGA, HIIDEFUMI, JP
[72] URUNO, YOSHIHARU, JP
[72] SAWAMURA, KIYOTO, JP
[72] GOTO, NANA, JP
[72] IKUMA, YOHEI, JP
[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2016-07-14
[86] 2014-10-22 (PCT/JP2014/078103)
[87] (WO2015/060348)
[30] JP (2013-220037) 2013-10-23

[21] **2,937,015**
[13] A1

[51] **Int.Cl. A61K 31/282 (2006.01) A61K 31/505 (2006.01) A61K 31/513 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **TREATMENT OF NEOPLASIA**
[54] **TRAITEMENT D'UNE NEOPLASIE**
[72] CADE, DAVID, AU
[72] TAPNER, MICHAEL, AU
[71] SIRTIX MEDICAL LIMITED, AU
[85] 2016-07-15
[86] 2015-01-23 (PCT/AU2015/000037)
[87] (WO2015/109367)
[30] AU (2014/900232) 2014-01-24

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[21] 2,937,016

[13] A1

- [51] Int.Cl. B62M 6/55 (2010.01) B62M 6/50 (2010.01)
- [25] EN
- [54] POWER-ASSISTED UNIT, POWER-ASSISTED MOVING VEHICLE, POWER-ASSISTED MOVING VEHICLES SET, AND POWER-ASSISTED MOVING VEHICLE CONTROLLING METHOD
- [54] UNITE D'ASSISTANCE ELECTRIQUE, CORPS MOBILE D'ASSISTANCE ELECTRIQUE, ENSEMBLE DE CORPS MOBILES D'ASSISTANCE ELECTRIQUE ET PROCEDE DE COMMANDE DE CORPS MOBILE D'ASSISTANCE ELECTRIQUE
- [72] YOSHIE, AKIHITO, JP
- [72] YAMAGUCHI, KATSUHIRO, JP
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- [72] MUKAIYAMA SHIGEMI, JP
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- [72] YAMAMOTO, YOSHIYUKI, JP
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- [71] NANOCARRIER CO., LTD., JP
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- [54] **PROCEDES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER ET DE MALADIES INFECTIEUSES**
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- [72] WANG, YANPING, US
- [71] CEDARS-SINAI MEDICAL CENTER, US
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[54] DISPOSITIF DE DIRECTION ASSISTEE ELECTRIQUE
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[72] ISHIKAWA, HISAZUMI, JP
[72] SASAKI, KAZUHIRO, JP
[72] OKAMOTO, YUICHIRO, JP
[72] KIMURA, NOBUYUKI, JP
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[72] SAUNDERS, JAMES, US
[72] KREBS, JOSEPH, US
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[54] SYSTEME DE COMMANDE MAITRE/ESCLAVE DANS LA TOPOLOGIE EN ANNEAU POUR CONVERTISSEURS MULTI-NIVEAUX MODULAIRES
[72] WIEN, TORMOD, NO
[72] VALLESTAD, ANNE, NO
[72] ORFANUS, DALIMIR, NO
[72] VEFLING, HARALD, NO
[72] INDERGAARD, REIDAR, NO
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[54] NOUVEAU GENE DE FUSION UTILISE COMME CIBLE THERAPEUTIQUE DANS LES MALADIES PROLIFERATIVES
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[72] SUGITANI, TAKASHI, JP
[72] TSUSHIMA, TAKASHI, JP
[72] MORISHITA, MAKOTO, JP
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[72] MIKHAILOV, ALEKSEI, DE
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[54] SYSTEMES ET PROCEDES POUR UTILISER DES MOUVEMENTS OCULAIRES POUR DETERMINER DES ETATS

[72] DI STASI, LEANDRO LUIGI, US

[72] MARTINEZ-CONDE, SUSANA, US

[72] CABESTRERO, RAUL, ES

[72] CATENA, ANDRES, ES

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[54] STRUCTURE PERMETTANT DE LIER DES ELEMENTS

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[72] FUJIMOTO, HIROKI, JP

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[54] PARTICULES AUTO-ALIMENTEES POUR LA PROPULSION A TRAVERS DES LIQUIDES AQUEUX FLUIDES

[72] KASTRUP, CHRISTIAN, CA

[72] YEON, JU HUN, KR

[72] BAYLIS, JAMES, CA

[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA

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[54] ACRYLAMIDE-BASED POLYMER, PAPER STRENGTH AGENT, AND PAPER

[54] POLYMERES D'ACRYLAMIDE, AGENT AUGMENTANT LA RESISTANCE DU PAPIER ET PAPIER

[72] SATO, HIROTAKA, JP

[72] HORII, TADAOKI, JP

[72] KURIHARA, TAKANORI, JP

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[72] INAOKA, KAZUSHIGE, JP

[71] HARIMA CHEMICALS, INCORPORATED, JP

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[54] SIGNATURE GENOMIQUE OBTENUE A PARTIR D'UNE BIOPSIE POUR PRONOSTIQUER UN CANCER DE LA PROSTATE

[72] BOUTROS, PAUL, CA

[72] BRISTOW, ROBERT G., CA

[72] LALONDE, EMILIE, CA

[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA

[71] UNIVERSITY HEALTH NETWORK, CA

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[54] PROCEDES DE PRODUCTION DE BIOPOLYMERES A MASSE MOLECULAIRE MOYENNE DEFINIE

[72] KUNZ, MICHAEL, DE

[72] KUHLMANN, FABIAN, DE

[72] ELSINGHORST, CLAUDIA, DE

[71] MEDSKIN SOLUTIONS DR. SUWELACK AG, DE

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[54] ELEMENTS RAPPORTES DE PAROI D'EXTREMITÉ DE DECHARGE
[72] MEPIAM, ROBERT, CA
[72] KUMAR, PRAMOD, CA
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[71] POLYCORP LTD., CA
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[51] Int.Cl. C07K 16/40 (2006.01) A61K 39/02 (2006.01)
[25] EN
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[54] ANTICORPS SPECIFIQUE DE STAPHYLOCOCCUS AUREUS, PROCEDE THERAPEUTIQUE ET PROCEDE DE DETECTION UTILISANT CELLES-CI<1 />
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[25] EN
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[54] DISPOSITIF ET PROCEDE POUR LA DIVISION D'UN FLUX DE PRODUITS EN MORCEAUX
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[71] LOESCH VERPACKUNGSTECHNIK GMBH, DE
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[25] EN
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[72] JENSEN, JESPER BEVENSEE, DK
[72] PEDERSEN, BO, DK
[72] LOPEZ, ROBERTO RODES, US
[71] DANMARKS TEKNISKE UNIVERSITET, DK
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[54] **COMPOSITE DE GRAPHENE, PROCEDE DE PRODUCTION DE COMPOSITE DE GRAPHENE ET D'ELECTRODE POUR BATTERIE AU LITHIUM-ION CONTENANT LE COMPOSITE DE GRAPHENE**
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[72] SUN, PEIYU, CN
[72] TAMAKI, EIICHIRO, JP
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[54] **APPAREIL ET PROCEDE DE COMPENSATION DE DISTORSION DE RESEAU MULTI-CANAL**
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[54] **PROCEDE DE FRACTIONNEMENT D'OLIGOSACCHARIDES A PARTIR DE DECHETS D'ORIGINE AGRICOLE**
[72] LALI, ARVIND MALLINATH, IN
[72] ODANEETH, ANNAMMA ANIL, IN
[72] PEDNEKAR, MUKESH PRABHAKAR, IN
[71] LALI, ARVIND MALLINATH, IN
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[72] MAGNUSON, CHRISTOPHER, US
[71] NABORS INDUSTRIES, INC., US
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[72] LESAGE, JULIE, FR
[72] GUILLOUET, STEPHANE, FR
[72] BONNOT, FLORENCE, FR
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[72] BOUTONNET, CHRISTEL, FR
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[71] BOSTON SCIENTIFIC NEUROMODULATION CORPORATION, US
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[72] BRZEZINSKI, HEDDIE, DE
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[72] GEORGE, AMY, US
[71] BLUEAVOCADO, CO., US
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[72] MARGALIT, ISRAEL, IL
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- [72] LALL, ARVIND MALLINATHI, IN
[72] ODANETTI, ANNAMMA ANIL, IN
[72] BIRHADE, SACHINKUMAR HIRAMAN, IN
[72] VICTORIA, JULIET JOANNA, IN
[72] SAWANT, SNEHA CHANDRAKANT, IN
[71] LALL, ARVIND MALLINATHI, IN
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- [54] ACIDE NUCLEIQUE INHIBANT L'EXPRESSION DE β -GALACTOSIDASE
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[72] KANDA, MINAKO, JP
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- [72] LIN, CHIH-WEI, TW
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- [71] ACADEMIA SINICA, TW
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[72] JOGIKALMATH, GANGADHAR, US
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[54] SYSTEME DE GESTION, PROGRAMME ET PROCEDE DE GESTION
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[72] MAEDA, KAORU, JP
[71] RICOH COMPANY, LTD., JP
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[54] PROCEDE POUR L'AFFINAGE DE METAUX
[72] EDWARDS, JAMES SCOTT, AU
[72] KNIGHT, ROBERT PHILLIP, AU
[72] BURROWS, ALISTAIR, AU
[71] GLENCORE TECHNOLOGY PTY LIMITED, AU
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[72] KAMPMANN, ELMAR JOERG, DE
[71] ROTOR CLIP COMPANY, INC., US
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[54] METHOD AND NODE FOR MANUFACTURING A SURGICAL KIT FOR CARTILAGE REPAIR
[54] PROCEDE ET NOUD POUR FABRIQUER UN KIT CHIRURGICAL POUR UNE REPARATION DE CARTILAGE
[72] KARLSSON, ANDERS, SE
[72] LILLIESTRALE, RICHARD, SE
[72] BAKE, NINA, SE
[71] EPISURF IP-MANAGEMENT AB, SE
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[71] RITE-HITE HOLDING CORPORATION, US
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[71] HYPERSCIENCES, INC., US
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[54] **TRIAZOLES AMINO-SUBSTITUES ET PROCEDES D'UTILISATION**
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[72] HUNGERFORD, WILLIAM M., US
[72] GOLEBIOWSKI, ADAM, US
[72] BECKETT, RAYMOND P., US
[72] MAZUR, MARZENA, PL
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[72] HSU, THOMAS, US
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[72] SMITH, TORREY, US
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[54] **PRESENTOIR COMPRENANT UN SYSTEME DE RECUPERATION THERMIQUE GENERATEUR D'ENERGIE**
[72] TWOHY, RAYMOND P., US
[71] HUSSMANN CORPORATION, US
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[72] IOANA, CORNEL., FR
[71] INSTITUT POLYTECHNIQUE DE GRENOBLE, FR
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[71] HYLA, INC., US
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[71] BOSTON SCIENTIFIC SCIMED, INC., US
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- [54] BOBINES DE STIMULATION MAGNETIQUE ET COMPOSANTS FERROMAGNETIQUES POUR UNE STIMULATION DE SURFACES REDUITE ET UNE PROFONDEUR DE TRAITEMENT AMELIOREE
- [72] GHIRON, KENNETH MARC, US
- [72] RIEHL, MARK EDWARD, US
- [72] SHIPWAY, IAN MAXWELL, US
- [71] NEURONETICS, INC., US
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- [54] FONCTIONNEMENT D'UNE CENTRALE ELECTRIQUE EQUIPEE DE TURBINES A GAZ A FAIBLES CONDITIONS DE CHARGE
- [72] MCDEED, DAVID, US
- [72] PYROS, GEORGE, US
- [72] BRAVATO, ANTHONY, US
- [71] MITSUBISHI HITACHI POWER SYSTEMS AMERICAS, INC., US
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- [72] LEE, SANGHYUN, MD
- [71] LEE, SANGHYUN, MD
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- [72] TURNER, JEFFREY, US
- [72] LYON, TYLER, US
- [72] WINEGAR, DANIEL, US
- [71] BI-POLAR HOLDING COMPANY, LLC, US
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- [54] ADAPTATEUR DE CATHETER A ORIFICES AYANT UNE VALVE D'ORIFICE ET DE REGULATION DE SANG COMBINEE PRESENTANT UNE AERATION
- [72] MA, YIPING, US
- [72] HARDING, WESTON F., US
- [72] SHEVGOOR, SIDDARTH K., US
- [71] BECTON, DICKINSON AND COMPANY, US
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[54] **ADAPTATEUR POUR CATHETER A OUVERTURES AVEC RETENUE INTEGREE POUR ACTIONNEUR DE DIAPHRAGME**

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[72] HARDING, WESTON F., US

[71] BECTON, DICKINSON AND COMPANY, US

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[72] BRITO DE LA FUENTE, EDMUNDO, DE

[72] GALLEGOS-MONTES, CRISPULO, DE

[72] QUINCHIA-BUSTAMANTE, LIDA A., DE

[71] FRESSENIUS KABI DEUTSCHLAND GMBH, DE

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[54] **INSULINE A ACTION PROLONGEE ET UTILISATION ASSOCIEE**

[72] JUNG, SUNG YOUNG, KR

[72] HWANG, SANG YOUNG, KR

[72] OH, EUH LIM, KR

[72] PARK, SUNG HEE, KR

[72] KIM, HYUN UK, KR

[72] LIM, CHANG KI, KR

[72] KWON, SE CHANG, KR

[71] HANMI PHARM. CO., LTD., KR

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[54] **BIOMARQUEUR ET PROCEDES DE DIAGNOSTIC PRECOCE DE LA MALADIE D'ALZHEIMER**

[72] FEUERHELM-HIEDL, ANNEGRET, DE

[71] PREDEMTEC GMBH, DE

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[30] US (61/932,307) 2014-01-28

[21] 2,937,170
[13] A1

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[25] EN

[54] **A METHOD FOR PLACING CURD IN A MOULD**

[54] **PROCEDE D'INTRODUCTION DE CAILLE DANS UN MOULE**

[72] SPIJKERMAN, HARRIE, NL

[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH

[85] 2016-07-18

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[21] 2,937,172
[13] A1

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[54] **PNEUMATIC ORE CHARGING**

[54] **CHARGEMENT PNEUMATIQUE DE MINERAL**

[72] MILLNER, ROBERT, AT

[72] PLAUL, JAN-FRIEDEMANN, AT

[72] REIN, NORBERT, AT

[71] PRIMETALS TECHNOLOGIES AUSTRIA GMBH, AT

[85] 2016-07-18

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[21] 2,937,175
[13] A1

[51] **Int.Cl. A01J 25/12 (2006.01) A01J 25/13 (2006.01)**

[25] EN

[54] **A CHEESE MOULD, METHOD AND APPARATUS FOR HANDLING SAID MOULD**

[54] **MOULE A FROMAGE, PROCEDE ET APPAREIL DE MANIPULATION DUDIT MOULE**

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[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH

[85] 2016-07-18

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[21] 2,937,179
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[25] EN

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[54] **PROCEDE ET DISPOSITIF DE MISE A L'ESSAI DE SYSTEMES D'EXTINCTION D'INCENDIES**

[72] BUITENHUIS, ANTOON LAMBERTUS RUURD, NL

[71] LUPHI B.V., NL

[85] 2016-07-15

[86] 2014-02-26 (PCT/NL2014/050117)

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 - [51] Int.Cl. C10G 45/44 (2006.01) C10G 3/00 (2006.01)
 - [25] EN
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 - [54] **CONVERSION DE BIOMASSE OU DE MATERIAU DE DECHET RESIDUEL EN BIOCARBURANTS**
 - [72] URADE, VIKRANT NANASAHEB, IN
 - [72] DEL PAGGIO, ALAN ANTHONY, US
 - [72] PANCHAGNULA, MADHUSUDHAN RAO, IN
 - [72] CHILKOOR SOUNDARARAJAN, LAXMI NARASIMHAN, IN
 - [72] GOPAL, SRIKANT, IN
 - [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
 - [85] 2016-07-18
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[51] Int.Cl. G06Q 30/00 (2012.01)
[25] EN
[54] SYSTEM AND METHOD FOR
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[54] SYSTEME ET METHODE DE
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[72] BROCKMAN, ROBERT T., US
[71] BROCKMAN, ROBERT T., US
[22] 2015-12-15
[41] 2016-06-15
[30] US (62/092,067) 2014-12-15
[30] US (14/968,443) 2015-12-14

[21] 2,915,380
[13] A1
[51] Int.Cl. G06Q 30/00 (2012.01)
[25] EN
[54] SYSTEM AND METHOD FOR
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[54] SYSTEME ET METHODE DE
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[71] BROCKMAN, ROBERT T., US
[22] 2015-12-15
[41] 2016-06-15
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[30] US (14/968,588) 2015-12-14

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[13] A1
[51] Int.Cl. A61K 47/48 (2006.01) A61P
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[25] EN
[54] CONJUGATE BASED SYSTEMS
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DELIVERY
[54] SYSTEMES A BASE DE
CONJUGUES POUR
ADMINISTRATION CONTROLEE
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[72] ZION, TODD C., US
[72] LANCASTER, THOMAS M., US
[71] SMARTCELLS, INC., US
[22] 2010-01-27
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[30] US (61/219,897) 2009-06-24
[30] US (61/223,572) 2009-07-07
[30] US (61/252,857) 2009-10-19

[21] 2,933,228
[13] A1
[51] Int.Cl. B61F 5/14 (2006.01) B61F 5/04
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[25] EN
[54] RAIL ROAD CAR TRUCK AND
FITTINGS THEREFOR
[54] BOGIE ET ELEMENTS
CONNEXES
[72] FORBES, JAMES W., CA
[72] HEMATIAN, JAMAL, CA
[71] NATIONAL STEEL CAR LIMITED,
CA
[22] 2004-07-08
[41] 2005-01-08
[62] 2,473,264
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[30] CA (2,436,327) 2003-07-31
[30] CA (2,454,472) 2003-12-24

[21] 2,933,339
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[51] Int.Cl. A61K 31/704 (2006.01) A61P
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[25] EN
[54] A METHOD FOR PREPARATION
OF HIGHLY PURE ASIATICOSIDE
COMPOSITION FROM
CENTELLA ASIATICA AND A
METHOD OF USE THEREOF
[54] PROCEDE DE PREPARATION
D'UNE COMPOSITION
D'ASIATICOSIDE TRES PURE A
PARTIR DE CENTELLA
ASIATICA ET SON PROCEDE
D'UTILISATION
[72] SUNIL, BHASKARAN, IN
[72] MOHAN, VISHWARAMAN, IN
[71] INDUS BIOTECH PRIVATE
LIMITED, IN
[22] 2010-08-31
[41] 2011-12-15
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[25] EN

[54] ELECTRONIC USER INTERFACE FOR ELECTRONIC MIXING OF WATER FOR RESIDENTIAL FAUCETS

[54] INTERFACE D'UTILISATEUR ELECTRONIQUE POUR MELANGE ELECTRONIQUE DE L'EAU DANS DES ROBINETS DOMESTIQUES

[72] RODENBECK, ROBERT W., US

[72] JONTE, PATRICK B., US

[72] KOOTTUNGAL, PAUL D., US

[72] SPANGLER, ANTHONY G., US

[72] VEROS, MICHAEL J., US

[72] MARTY, GARY R., US

[71] DELTA FAUCET COMPANY, US

[22] 2007-04-20

[41] 2007-11-01

[62] 2,648,821

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[30] US (11/737,727) 2007-04-19

[21] 2,933,978
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[54] BACTERIALLY-DERIVED, INTACT MINICELLS THAT ENCOMPASS PLASMID-FREE FUNCTIONAL NUCLEIC ACID FOR IN VIVO DELIVERY TO MAMMALIAN CELLS

[54] MINICELLULES INTACTES D'ORIGINE BACTERIENNE ENGLOBANT UN ACIDE NUCLEIQUE FONCTIONNEL EXEMPT DE PLASMIDE POUR ADMINISTRATION IN VIVO A DES CELLULES DE MAMMIFERE

[72] BRAHMBHATT, HIMANSHU, AU

[72] MACDIARMID, JENNIFER, AU

[72] HULF, TOBY, GB

[71] ENGINEIC MOLECULAR DELIVERY PTY. LTD., AU

[22] 2008-03-26

[41] 2009-03-05

[62] 2,844,647

[30] US (60/909,074) 2007-03-30

[21] 2,934,157
[13] A1

[51] Int.Cl. G03G 15/06 (2006.01)

[25] EN

[54] PROCESS CARTRIDGE AND IMAGE FORMING APPARATUS

[54] CARTOUCHE DE TRAITEMENT ET APPAREIL DE FORMATION D'IMAGE

[72] CHADANI, KAZUO, JP

[72] MORI, TOMONORI, JP

[72] HASHIMOTO, KOJI, JP

[71] CANON KABUSHIKI KAISHA, JP

[22] 2007-11-01

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[13] A1

[51] Int.Cl. H04L 12/857 (2013.01) H04L 12/811 (2013.01) H04L 12/24 (2006.01)

[25] EN

[54] SELECTING A QUALITY OF SERVICE CLASS IDENTIFIER FOR A BEARER

[54] SELECTION DE QUALITE DE SERVICE DE PORTEUSE

[72] SONG, OSOK, US

[72] SUBRAMANIAN, RAMACHANDRAN, US

[71] QUALCOMM INCORPORATED, US

[22] 2010-06-22

[41] 2011-01-13

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[30] US (12/818,071) 2010-06-17

[21] 2,934,395
[13] A1

[51] Int.Cl. A47K 3/00 (2006.01) A61H 33/00 (2006.01) G06F 3/048 (2013.01) H04L 12/28 (2006.01)

[25] EN

[54] A METHOD AND SYSTEM FOR PROVIDING AMBIANCE SETTINGS IN A BATHING SYSTEM

[54] METHODE ET SYSTEME PERMETTANT DE FOURNIR UN DECOR D'AMBIANCE DANS UNE BAIGNOIRE

[72] LAFLAMME, BENOIT, CA

[72] BROCHU, CHRISTIAN, CA

[71] GECKO ALLIANCE GROUP INC., CA

[22] 2011-10-17

[41] 2012-04-22

[62] 2,755,673

[30] US (12/910,615) 2010-10-22

[30] US (61/405,981) 2010-10-22

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[21] 2,934,402
[13] A1

[51] Int.Cl. A61K 47/48 (2006.01)

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[54] A,A-DISUBSTITUTED GLYCINE ESTER CONJUGATES HYDROLYSABLE BY CARBOXYLESTERASES

[54] CONJUGUES D'ESTER DE GLYCINE DISUBSTITUES .ALPHA.,.ALPHA. HYDROLYSABLES PAR DES CARBOXYLESTERASES

[72] DRUMMOND, ALAN HASTINGS, GB

[72] DAVIDSON, ALAN HORNSBY, GB

[72] MOFFAT, DAVID FESTUS CHARLES, GB

[72] DONALD, ALISTAIR DAVID GRAHAM, GB

[72] DAVIES, STEPHEN JOHN, GB

[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY LIMITED, GB

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[41] 2009-09-03

[62] 2,717,020

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[13] A1

[51] Int.Cl. E05B 67/38 (2006.01) E05B 67/00 (2006.01) E05B 67/02 (2006.01)

[25] EN

[54] SUBWAY SUICIDE-JUMPER CATCHER NET

[54] FILET ANTI-SUICIDE POUR METRO

[72] PINEY, DAVID D., CA

[71] PINEY, DAVID D., CA

[22] 2010-07-06

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[21] 2,935,137
[13] A1

[51] Int.Cl. B05D 3/12 (2006.01) B24C 3/00 (2006.01) C23C 24/04 (2006.01)

[25] EN

[54] INTEGRATED FLUIDJET SYSTEM FOR STRIPPING, PREPPING AND COATING A PART

[54] SYSTEME DE JET FLUIDE INTEGRE POUR DECAPER, PREPARER ET ENDUIRE UNE PIECE

[72] VIJAY, MOHAN M., CA

[72] XU, MEISHENG M., CA

[72] PANARELLA, EMILIO, CA

[72] YAN, WENZHUO, CA

[72] TIEU, ANDREW HUNG, CA

[72] DANIELS, BRUCE R., CA

[71] VLN ADVANCED TECHNOLOGIES INC., CA

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[41] 2015-05-08

[62] 2,870,682

[30] US (61/901,676) 2013-11-08

[21] 2,935,223
[13] A1

[51] Int.Cl. B25J 9/18 (2006.01) G05D 1/02 (2006.01)

[25] EN

[54] ADAPTIVE MAPPING WITH SPATIAL SUMMARIES OF SENSOR DATA

[54] CARTOGRAPHIE ADAPTATIVE AVEC RESUMES SPATIAUX DE DONNEES DE CAPTEUR

[72] FONG, PHILIP, US

[72] EADE, ETHAN, US

[72] MUNICH, MARIO E., US

[71] IROBOT CORPORATION, US

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[13] A1

[51] Int.Cl. H04N 19/436 (2014.01) H04N 19/13 (2014.01) H04N 19/176 (2014.01) H04N 19/18 (2014.01) H04N 19/50 (2014.01)

[25] EN

[54] VIDEO DECODER, VIDEO ENCODER, VIDEO DECODING METHOD, AND VIDEO ENCODING METHOD

[54] DECODEUR VIDEO, ENCODEUR VIDEO, PROCEDE DE DECODAGE VIDEO ET PROCEDE D'ENCODAGE VIDEO

[72] SHIMADA, SATOSHI, JP

[72] KAZUI, KIMIHICO, JP

[72] KOYAMA, JUNPEI, JP

[72] NAKAGAWA, AKIRA, JP

[71] FUJITSU LIMITED, JP

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[13] A1

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[54] OPHTHALMIC COMPOSITIONS COMPRISING POVIDONE-IODINE COMPOSITIONS

[54] OPHTALMIQUES COMPRENANT DE LA POVIDONE IODEE

[72] SAMSON, C. MICHAEL, US

[72] LIANG, BO, US

[72] CAPRIOTTI, JOSEPH A., US

[71] CLS PHARMACEUTICALS, INC., US

[22] 2007-03-09

[41] 2007-09-20

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[30] US (60/782,629) 2006-03-14

[30] US (60/848,315) 2006-09-29

[30] US (11/636,293) 2006-12-07

[21] 2,935,508
[13] A1

[51] Int.Cl. E21B 33/10 (2006.01) E21B 33/124 (2006.01) E21B 33/129 (2006.01) E21B 33/134 (2006.01)

[25] EN

[54] DOWNHOLE PLUG HAVING DISSOLVABLE METALLIC AND DISSOLVABLE ACID POLYMER ELEMENTS

[54] BOUCHON DE FOND DE TROU COMPORTANT DES ELEMENTS METALLIQUES DISSOLVABLES ET DES ELEMENTS DE POLYMERE D'ACIDE DISSOLVABLES

[72] FRAZIER, W. LYNN, US

[71] MAGNUM OIL TOOLS INTERNATIONAL, LTD., US

[22] 2015-04-02

[41] 2015-10-02

[62] 2,886,988

[30] US (61/974,065) 2014-04-02

[30] US (62/003,616) 2014-05-28

[30] US (62/019,679) 2014-07-01

[21] 2,935,528
[13] A1

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[25] EN

[54] METHOD AND APPARATUS FOR CONTROL CHANNEL CONFIGURATION IN A HETEROGENEOUS NETWORK ARCHITECTURE

[54] PROCEDE ET APPAREIL DE CONFIGURATION DE CANAL DE COMMANDE DANS UNE ARCHITECTURE DE RESEAU HETEROGENE

[72] CAI, ZHIJUN, US

[72] SONG, YI, US

[72] BONTU, CHANDRA SEKHAR, US

[71] BLACKBERRY LIMITED, CA

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[13] A1
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- [25] EN
- [54] PROPHYLACTIC/AMELIORATING AGENT FOR ADULT DISEASES COMPRISING 5-AMINOLEVULINIC ACID, ITS ESTER, OR SALT THEREOF AS ACTIVE INGREDIENT
- [54] AGENT PROPHYLACTIQUE/D'AMELIORATION POUR DES MALADIES CHEZ L'ADULTE COMPRENANT L'ACIDE 5-AMINOLEVULINIQUE, SON ESTER OU UN SEL DE CELUI-CI COMME INGREDIENT ACTIF
- [72] TANAKA, TOHIRU, JP
- [71] SBI PHARMACEUTICALS CO., LTD., JP
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- [51] Int.Cl. H04L 9/32 (2006.01) G06F 21/34 (2013.01)
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- [71] SINGHAL, TARA CHAND, US
- [22] 2006-09-15
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- [30] US (60/717,613) 2005-09-16
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[13] A1
- [51] Int.Cl. B23K 20/12 (2006.01) B23K 26/21 (2014.01) B21D 26/02 (2011.01)
- [25] EN
- [54] FORMING FOR OBTAINING EQUAL CHARACTERISTICS IN THE SHEETS; APPARATUS FOR FRICTION STIR WELDING WITH COOLING ELEMENT
- [54] FORMAGE PERMETTANT D'OBTENIR DES FEUILLES AYANT DES CARACTERISTIQUES SEMBLABLES, APPAREIL POUR SOUDAGE PAR FRICTION-MALAXAGE AVEC ELEMENT DE REFROIDISSEMENT
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- [72] LEON, LUIS R., US
- [72] EDWARDS, PAUL D., US
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- [72] COLEMAN, GARY W., US
- [71] THE BOEING COMPANY, US
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[13] A1
- [51] Int.Cl. E03D 11/02 (2006.01) E03D 5/01 (2006.01) E03D 9/00 (2006.01)
- [25] EN
- [54] FLUSH TOILET
- [54] DISPOSITIF DE TOILETTES A CHASSE D'EAU
- [72] OKUBO, MAYU, JP
- [72] USHIJIMA, YOSHIKAZU, JP
- [72] SATO, YUICHI, JP
- [72] KATO, YOSHINOBU, JP
- [72] HAYASHI, RYOSUKE, JP
- [72] SHIBATA, SHINJI, JP
- [71] TOTO LTD., JP
- [22] 2007-12-25
- [41] 2008-07-10
- [62] 2,663,799
- [30] JP (2006-354726) 2006-12-28
- [30] JP (2007-170796) 2007-06-28
- [30] JP (2007-197557) 2007-07-30

- [21] 2,935,859
[13] A1
- [51] Int.Cl. A61B 17/32 (2006.01) A61B 17/94 (2006.01)
- [25] EN
- [54] INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL
- [54] INSTRUMENT ENDOSCOPIQUE POUVANT ETRE INTRODUIT POUR UN RETRAIT DE TISSU
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- [72] MARCOUX, MICHAEL W., US
- [72] WISDOM, RICHARD STEPHEN, US
- [72] REBH, WILLIAM R., JR, US
- [72] COSTA, EVAN, US
- [72] EVANS, STEPHEN C., US
- [71] INTERSCOPE, INC., US
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- [41] 2014-11-20
- [62] 2,911,545
- [30] US (61/824,760) 2013-05-17

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[13] A1
- [51] Int.Cl. G06F 3/0481 (2013.01) G06F 3/0488 (2013.01) H04W 88/02 (2009.01)
- [25] EN
- [54] PORTABLE ELECTRONIC DEVICE FOR PHOTO MANAGEMENT
- [54] DISPOSITIF ELECTRONIQUE PORTATIF POUR GESTION DE PHOTOGRAPHIES
- [72] MATAS, MICHAEL, US
- [72] CHRISTIE, GREG, US
- [72] MARCOS, PAUL D., US
- [72] FORSTALL, SCOTT, US
- [72] VAN OS, MARCEL, US
- [72] ORDING, BAS, US
- [72] CHAUDHRI, IMRAN, US
- [71] APPLE INC., US
- [22] 2007-08-31
- [41] 2008-03-13
- [62] 2,853,273
- [30] US (60/824,769) 2006-09-06
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- [30] US (60/937,993) 2007-06-29
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- [30] US (11/848,210) 2007-08-30

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[13] A1

[51] Int.Cl. B65D 6/00 (2006.01)
[25] EN
[54] PLASTIC CORRUGATED
CONTAINER WITH IMPROVED
FOLD LINES AND METHOD AND
APPARATUS FOR MAKING SAME

[54] RECIPIENT ONDULE EN
MATIERE PLASTIQUE AYANT
DES LIGNES DE PLIURE
AMELIOREES ET PROCEDE ET
APPAREIL PERMETTANT DE
REALISER CE DERNIER

[72] MCMAHON, WILLIAM F., US
[71] ORBIS CORPORATION, US
[22] 2012-05-17
[41] 2013-04-18
[62] 2,851,357
[30] US (13/273,019) 2011-10-13

[21] 2,936,215
[13] A1

[51] Int.Cl. E01C 1/04 (2006.01) E02D
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[25] EN
[54] CONSTRUCTION METHODS AND
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[54] METHODES DE CONSTRUCTION
ET SYSTEMES DESTINES A DES
STRUCTURES DE SEPARATION
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[72] IVANTCHOUK, ARTEM, CA
[72] CARSON, ERIC WILLIAM, CA
[71] GRADE SEPARATION SYSTEMS
INC., CA
[22] 2016-02-12
[41] 2016-04-14
[62] 2,920,654

[21] 2,936,218
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[25] EN
[54] METHOD AND APPARATUS FOR
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MULTIPLE COMPONENTS OF
STREAMING DATA

[54] PROCEDE ET APPAREIL DE
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MULTIPLES COMPOSANTS DE
DONNEES DE DIFFUSION EN
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[72] NORTON, RICHARD ELLIOTT, CA
[72] LAVALIERE, JOSEPH LEO
CLAUDE MARIO, CA
[72] POIRIER-BEAUCHEMIN, LOUIS-
RENE, CA
[72] HEROUX, ROBERT, CA
[71] VANTRIX CORPORATION, CA
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[41] 2012-03-01
[62] 2,809,197
[30] US (12/869,690) 2010-08-26

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[13] A1

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(2013.01) H01M 10/04 (2006.01)
[25] EN
[54] CHARGE STORAGE DEVICE,
METHOD OF MAKING SAME,
METHOD OF MAKING AN
ELECTRICALLY CONDUCTIVE
STRUCTURE FOR SAME, MOBILE
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[54] DISPOSITIF DE STOCKAGE DE
CHARGES, PROCEDE DE
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ET DISPOSITIF
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CONTENANT CELUI-CI

[72] GARDNER, DONALD S., US
[72] HANNAH, ERIC C., US
[72] CHEN, RONG, US
[72] GUSTAFSON, JOHN L., US
[71] INTEL CORPORATION, US
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[41] 2011-10-06
[62] 2,794,714

[21] 2,936,223
[13] A1

[51] Int.Cl. C12M 1/40 (2006.01) G01N
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[25] EN
[54] SYSTEMS, METHODS, AND
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[54] SYSTEMES, PROCEDES ET
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DES DOSAGES AUTOMATISES A
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[72] KNIGHT, BYRON J., US
[72] BUSE, DAVID, US
[72] GROELI, JULIAN, US
[71] GEN-PROBE INCORPORATED, US
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[25] EN
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[54] PRODUIT DE PAPIER MULTICOUCHE AVEC RESISTANCE A LA PENETRATION DE L'HUMIDITE, ET METHODE DE FABRICATION
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[72] SUMNICHT, DANIEL W., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS L.P., US
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[51] Int.Cl. G01C 9/28 (2006.01) G01C 9/26 (2006.01) G01C 9/32 (2006.01)
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[54] BOX LEVEL
[54] NIVEAU A BULLE
[72] CHRISTIANSON, JOHN, US
[72] KIM, CHARLES D., US
[71] MILWAUKEE ELECTRIC TOOL CORPORATION, US
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[62] 2,778,900
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[54] DIVERTER FOR SORTER AND METHOD OF DIVERTING
[54] DISPOSITIF DE DEVIATION POUR DISPOSITIF DE TRI ET PROCEDE DE DEVIATION
[72] STEENWYK, MATTHEW A., US
[72] RAMANKUTTY, MOHAN A., US
[72] STANISH, MARTIN J., US
[72] TRIESENBERG, THOMAS H., US
[71] DEMATIC CORP., US
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[54] METHOD RELATING TO PREDICTING THE FUTURE STATE OF A MOBILE DEVICE USER
[54] PROCEDE RELATIF A LA PREDICTION DE L'ETAT FUTUR D'UN DISPOSITIF MOBILE UTILISATEUR
[72] JOHNSON, MICHAEL DUDLEY, US
[72] WILLIAMS, JOSHUA, US
[71] FACEBOOK, INC., US
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[30] EP (13/189,171) 2013-10-17

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[25] EN
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[54] PRODUITS DE SOIN PERSONNEL, ET PROCEDES ASSOCIES
[72] FARRELL, MARK EDWARD, US
[72] CHENVAINU, ALEXANDER TIMOTHY, US
[72] ORTINS, MARC PHILLIP, US
[72] DENISHENKO, VADIM, US
[72] DE CASTRO, JOSE TADEO VERGARA, US
[72] TRAWINSKI, PETER HANS ROLF, US
[72] HILSCHER, ALEXANDER, US
[72] SCHREMPF, BERT, US
[72] STRATMANN, MARTIN, US
[72] SAGEL, PAUL ALBERT, US
[72] BRAUN, PHILLIP MAURICE, US
[71] THE GILLETTE COMPANY, US
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[54] DOSE COUNTERS FOR INHALERS, INHALERS AND SHAFTS THEREOF
[54] COMPTEURS DE DOSES POUR INHALATEURS, INHALATEURS ET TIGES ASSOCIEES
[72] KARG, JEFFREY A., US
[72] DEREK, FENLON, IE
[72] WALSH, DECLAN, IE
[72] KAAR, SIMON, IE
[72] HAZENBERG, JAN GEERT, IE
[72] BUCK, DAN, IE
[72] CLANCY, PAUL, US
[71] IVAX PHARMACEUTICALS IRELAND, IE
[71] TEVA PHARMACEUTICALS IRELAND, IS
[71] NORTON (WATERFORD) LIMITED, IE
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[72] NONOMURA, MUNEO, JP
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] UNITE DE RENDU DE CORPS VOLUMIQUES
[72] CALLEGARI, ANDRES C., US
[71] LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY, US
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[54] CASSETTE AND APPARATUS FOR PACKING DISPOSABLE OBJECTS INTO AN ELONGATED TUBE OF FLEXIBLE MATERIAL
[54] CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE
[72] MORAND, MICHEL, CA
[71] ANGELCARE DEVELOPMENT INC., CA
[22] 2008-10-03
[41] 2009-04-05
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[25] EN
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[54] CARTOUCHE ET APPAREIL D'EMBALLAGE D'OBJETS JETABLES DANS UN TUBE DE MATIERE SOUPLE
[72] MORAND, MICHEL, CA
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[30] EP (07019571.4) 2007-10-05

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[54] COMMANDE DE PEDALE DE PIED AJUSTABLE POUR CHIRURGIE OPHTHALMIQUE
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[41] 2010-05-14
[62] 2,742,977
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[21] 2,936,492
[13] A1

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[51] Int.Cl. C07D 498/18 (2006.01) A61K 31/436 (2006.01)
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[54] ONE POT SYNTHESIS OF TETRAZOLE DERIVATIVES OF SIROLIMUS
[54] SYNTHÈSE DANS UN SEUL REACTEUR DE DERIVES DE TETRAZOLE DU SIROLIMUS
[72] DIAON, MADHUP, US
[72] HSIAO, CHH-NUNG, US
[72] PATEL, SUBHASHI, US
[72] BONK, PETER, US
[72] CHEMBURKAR, SANJAY, US
[72] CHEN, YONG, US
[71] ABBOTT LABORATORIES, US
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[51] Int.Cl. A61K 41/00 (2006.01) A61K 8/22 (2006.01) A61K 8/38 (2006.01) A61K 8/44 (2006.01) A61K 8/49 (2006.01) A61K 8/73 (2006.01) A61P 17/00 (2006.01) A61P 17/10 (2006.01) A61Q 19/08 (2006.01)
[25] EN
[54] OXIDATIVE PHOTOACTIVATED SKIN REJUVENATION COMPOSITION COMPRISING HYALURONIC ACID, GLUCOSAMINE, OR ALLANTOIN
[54] COMPOSITION DE RAJEUNISSEMENT CUTANE PHOTOACTIVE ET OXYDATIVE, QUI COMPREND DE L'ACIDE HYALURONIQUE, DE LA GLUCOSAMINE, OU DE L'ALLANTOINE
[72] PIERGALLINI, REMIGIO, IT
[72] LOUPIS, NIKOLAOS, GR
[72] BELLINI, FRANCESCO, CA
[71] KLOX TECHNOLOGIES INC., CA
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[30] WO (PCT/CA2009/001615) 2009-11-06

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[54] HYBRIDATION IN SITU CHROMOGENE A DEUX COULEURS
[72] KELLY, BRIAN, US
[72] NITTA, HIRO, US
[72] GROCAN, THOMAS, US
[72] MORRISON, LARRY, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
[22] 2011-04-20
[41] 2011-10-27
[62] 2,796,087
[30] US (62/326,037) 2010-04-20
[30] US (61/350,560) 2010-06-02

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[13] A1
[51] Int.Cl. B41J 15/04 (2006.01) B41J 2/315 (2006.01) B41J 2/325 (2006.01)
[25] EN
[54] TAPE CASSETTE AND TAPE PRINTER
[54] CASSETTE A BANDE ET IMPRIMANTE SUR BANDE
[72] YAMAGUCHI, KOSHIRO, JP
[72] SAGO, AKIRA, JP
[71] BROTHER KOGYO KABUSHIKI KAISHA, JP
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[41] 2010-10-07
[62] 2,755,882
[30] JP (2009-086172) 2009-03-31
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[51] Int.Cl. A61K 8/97 (2006.01) A61Q 5/00 (2006.01)
[25] EN
[54] COMPOSITIONS AND METHODS FOR IMPROVING THE APPEARANCE OF AGING HAIR
[54] COMPOSITIONS ET PROCEDES POUR AMELIORER L'ASPECT DE CHEVEUX AGES
[72] RICHARDS, JEANETTE ANTHEA, US
[72] DAWSON, THOMAS LARRY, JR., US
[72] COMBS, MARY JANE, US
[72] DUEVA-KOGANOV, OLGA, US
[72] KOGANOV, MICHAEL, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[62] 2,857,343
[30] US (61/578,997) 2011-12-22

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[51] Int.Cl. G01S 1/00 (2006.01) H04W 4/02 (2009.01) H05B 37/02 (2006.01)
[25] EN
[54] METHOD FOR A PERSONAL MOBILE DEVICE COMMUNICATION OF SERVICE ORDERS
[54] PROCEDE POUR COMMUNICATION DE COMMANDES DE SERVICE PAR DISPOSITIF MOBILE PERSONNEL
[72] LOVELAND, DAMIEN, NL
[72] VAN DER POEL, LUCAS, NL
[72] SEKULOVSKI, DRAGAN, NL
[72] VERMEULEN, AD, NL
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL
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[62] 2,768,883
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[54] COMPOSITIONS COMPRISING
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ACAI BERRY EXTRACT

[54] COMPOSITIONS COMPRENANT
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OU UN EXTRAIT DE BAIE ACAI

[72] GAN, DAVID, US

[72] HINES, MICHELLE, US

[72] ARAVENA, JAVIER, US

[72] JONES, BRIAN, US

[71] MARY KAY, INC., US

[22] 2007-01-19

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[62] 2,635,907

[30] US (60/760,103) 2006-01-19

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[13] A1

[51] Int.Cl. G01N 11/04 (2006.01) E21B
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(2006.01)

[25] EN

[54] METHODS AND SYSTEMS FOR
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[54] PROCEDES ET SYSTEMES
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DES PARTICULES LCM ET LA
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[72] JAMISON, DALE E., US

[72] MURPHY, ROBERT J., US

[72] SAVINGS, J.G., US

[71] HALLIBURTON ENERGY DEVICES,
INC., US

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CHINA ACADEMY OF		CORPORATION	2,836,652	AUBURN UNIVERSITY	2,829,533
MACHINERY SCIENCE &		AMINO, YUSUKE	2,625,893	AUGUSTIN, BRUCE	2,668,361
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				BALAKRISHNAN, ASHOK	2,728,330

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INOUE, KOSUKE	2,892,424	JOHNSON OUTDOORS INC.	2,777,338	KHANZHIN, NIKOLAY	2,732,612
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INTIMIS LTD	2,677,553	JOHNSON SCREENS, INC.	2,776,606	KHUSRAWY, MALIHA	2,852,997
INVACARE CORPORATION	2,858,951	JOHNSON, BARBARA JANE	2,644,058	KIDD, SCOTT D.	2,643,147
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ISCAR LTD.	2,842,280	JOLLY, ROBERT KEVIN	2,836,009	KIK, PAUL S., JR.	2,689,796
ISCAR LTD.	2,845,629	JONES, ANDREW	2,634,981	KIK, PAUL S., SR.	2,689,796
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ITO, MOTOFUMI	2,884,099	JP3 MANUFACTURING, LLC	2,728,505	KIM, HYUN SOO	2,864,322
ITT MANUFACTURING ENTERPRISES, INC.	2,697,905	JUHL, KARSTEN	2,732,612	KIM, HYUNG MIN	2,837,463
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WU, DI	2,488,916	ZHANG, JIAN PING	2,651,510		
WU, FENG-JUNG	2,715,791	ZHANG, JIAZHONG	2,826,123		
WU, GUOXIAN	2,826,123	ZHANG, JING	2,730,251		
WU, SIU-WAI	2,796,179	ZHANG, JINGBO	2,835,976		
WU, WENTAO	2,825,816	ZHANG, JINYOU	2,625,406		
WU, XIAO	2,724,221	ZHANG, LI	2,629,532		
WU, ZHONGZHI	2,631,331	ZHANG, MING	2,792,186		
WYNNE, GRAHAM MICHAEL	2,712,017	ZHANG, MING	2,792,189		
XIANG, QING	2,580,589	ZHANG, WENZHONG	2,865,165		
XU, JINCHAO	2,835,976	ZHANG, YANG	2,825,816		
XU, XIANG	2,705,947	ZHANG, YING	2,826,123		
XU, YUE	2,645,758	ZHANG, ZUOGUANG	2,821,645		
XYLEM IP HOLDINGS LLC	2,833,878	ZHAO, HUAWEI	2,716,243		
YACH, DAVID PAUL	2,714,695	ZHAO, KUN	2,792,186		
YAGUCHI, MASAFUMI	2,821,244	ZHAO, KUN	2,792,189		
YAKSICK, JEFFREY D.	2,713,707	ZHAO, XIAOMING	2,786,807		
YAMAHA CORPORATION	2,734,352	ZHAO, YONG	2,824,610		
YAN, YANHUA	2,664,628	ZHENG, WEIXIN	2,709,117		

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ABDOOLALLY EBRAHIM		BUXTON, BRETT	2,918,790	DESHARNAIS, JEAN	2,905,562
HOUSEWARES LIMITED	2,919,493	CADENA, ISAAC AVILES	2,919,330	DING, XIANLONG	2,918,075
ACCENTURE GLOBAL		CALIFORNIA EXPANDED		DISTECH CONTROLS INC	2,919,102
SERVICES LIMITED	2,918,758	METAL PRODUCTS		DIXON, KIRK	2,918,712
AHUJA, SANJAY	2,919,494	COMPANY	2,919,348	DOBO, ERIN D.	2,880,373
AIRBUS HELICOPTERS	2,918,640	CASTILLO CERVANTES,		DONATO, LUIGI	2,913,679
ALDRIDGE, DON	2,919,330	SALVADOR	2,880,361	DREAMWELL, LTD.	2,918,573
ALMEDA, BENJAMIN M.	2,919,485	CHAJI, REZA	2,880,718	DROT, GUILLAUME ALAIN	2,919,214
ALMEDA, PATRICK B.	2,919,485	CHAKRABARTY, NEILIN	2,880,716	DUARTE DE ROBLES,	
AMBRECHT, ADAM	2,919,284	CHARLES, KIRK	2,919,284	LAZARO	2,918,918
ANAERGIA INC.	2,918,772	CHARLSON, GARY G.	2,919,491	DUBBE, DAVID	2,919,282
ANAI, TETSUJI	2,918,417	CHENEY, JAMES	2,919,635	DUKART, MICHAEL	2,894,355
ANAI, TETSUJI	2,918,550	CHILDRESS, JAMES J.	2,904,971	DUMAIS, ERIK	2,918,129
ANAI, TETSUJI	2,918,552	CHIPROOT, AVI	2,918,870	E & C MANUFACTURING, LLC	2,918,623
ANDRITZ TECHNOLOGY AND		CIANCUSI, RENATO	2,880,538	EARDLEY, WILLIAM A.	2,922,152
ASSET MANAGEMENT		CLEAN AIR TECHNOLOGIES		EATON CORPORATION	2,911,591
GMBH	2,918,792	INC.	2,880,360	EGAL, GERSENDE	2,919,214
ANGELCARE DEVELOPMENT		CLOUD, MARK L.	2,904,971	ELBI, OMER	2,880,538
INC.	2,930,991	CNH INDUSTRIAL CANADA,		ELECTRONICS AND	
ANSLEY, BRAD W.	2,919,110	LTD.	2,912,896	TELECOMMUNICATIONS	
ATHANASSIOU, JEANNETTE C.		COCKER, WILLIAM C.	2,880,362	RESEARCH INSTITUTE	2,882,456
M. W.	2,912,084	COLCLOUGH, WILLIAM		ELECTRONICS AND	
AU, CHRIS	2,879,868	ROBERT	2,880,625	TELECOMMUNICATIONS	
AUBIN-MARCHAND, JEREMIE	2,919,276	COLLINS, GREGORY J.	2,880,373	RESEARCH INSTITUTE	2,882,459
AUDET, NICOLAS	2,905,562	COMMISSARIAT A L'ENERGIE		ELECTRONICS AND	
BALDAUF, HEINZ	2,918,792	ATOMIQUE ET AUX		TELECOMMUNICATIONS	
BAMFORD, SCOTT	2,919,101	ENERGIES		RESEARCH INSTITUTE	2,892,100
BANIL, CON	2,880,360	ALTERNATIVES	2,919,281	ELECTRONICS AND	
BATTIGATE, KIRAN	2,879,868	CONSOLIDATED ENERGY		TELECOMMUNICATIONS	
BECK, HAROLD KENT	2,919,494	SOLUTIONS INC.	2,879,868	RESEARCH INSTITUTE	2,892,106
BECK, SIMON	2,919,029	COOPER, MARTIN	2,880,538	ELECTRONICS AND	
BELAMRI, THIABET	2,879,868	CORCORAN, IAN	2,919,339	TELECOMMUNICATIONS	
BELLERIVE, ANDRE	2,919,172	CORSINE, THOMAS E.	2,919,491	RESEARCH INSTITUTE	2,892,107
BENITEZ AGUILAR, JOSE		COSTAL PET PRODUCTS, INC.	2,918,712	ELIEZER KRAUSZ	
LUIS RODOLFO	2,880,361	COVIDIEN LP	2,915,479	INDUSTRIAL	
BENNETT, RONALD A.	2,879,777	CPAP COMFORT COVER, LLC	2,916,991	DEVELOPMENT LTD.	2,918,870
BENSON, HAROLD KEITH	2,918,420	CREATIVE PLASTIC		ELLIOT, BRYAN	2,879,868
BERGERON, MICHAEL	2,919,276	CONCEPTS, LLC	2,918,977	ENERQUIN AIR INC.	2,905,562
BIALICK, RICHARD	2,919,282	CREATIVE PLASTIC		ERBAUGH, DAVID C.	2,918,754
BIBEAU, LOUIS	2,919,104	CONCEPTS, LLC	2,919,207	ESTRADA MARTINEZ,	
BIENICK, CRAIG (DECEASED)	2,918,790	CROMER, CHRISTOPHER	2,919,330	ARQUIMEDES	2,880,361
BIGARRE, JANICK	2,919,281	CUNNINGHAM, ANDREW	2,880,080	EVONIK DEGUSSA GMBH	2,919,028
BILAUD, ANTOINE	2,917,625	CURRY, MICHAEL F.	2,879,781	EVONIK DEGUSSA GMBH	2,919,029
BIZUB, JEFFREY JACOB	2,918,914	DAIDO STEEL CO., LTD.	2,918,775	FATEHI, PEDRAM	2,915,644
BJERRING, MARC	2,919,172	DAMJANOVIC, ALEKSANDAR		FATHI, EHSANALLAH	2,880,718
BONAR, JAMES FITZGERALD	2,918,913	B.	2,918,746	FISCELLA, ANTHONY	2,930,465
BOOTH, MICHAEL		DAMJANOVIC, NENAD P.	2,918,746	FMR LLC	2,919,339
CHRISTOPHER	2,918,917	DAMOISEAU, HERVE	2,913,679	FOURMAN, TERENCE L.	2,918,026
BRANDSMA, DAVID L.	2,919,031	DAVIDSON, KYLE R.	2,918,026	FU, YUEQIAO	2,919,108
BRETON, DANNY	2,919,102	DEJULIO, EMIL R.	2,916,710	FUKAYA, NOBUYUKI	2,918,417
BULLFROG INTERNATIONAL,		DELTA FAUCET COMPANY	2,918,026	FUKAYA, NOBUYUKI	2,918,550
L.C.	2,915,184	DEMLER, MARTIN	2,919,028	FUNG, MAK SIU	2,930,465
BULTER, THOMAS	2,919,028	DEMLER, MARTIN	2,919,029	GABOREL, GAEL	2,918,522
BULTER, THOMAS	2,919,029	DENNERT PORAVER GMBH	2,919,243	GALIANO, HERVE	2,919,281

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GARCIA GONZALEZ, JOSE		INTERNATIONAL INC.	2,918,073	LEE, JAE-YOUNG	2,882,459
RAMON DAVID	2,918,918	HONEYWELL		LEE, JAE-YOUNG	2,892,100
GARRETT, JOSEPH DANIEL,		INTERNATIONAL INC.	2,918,075	LEE, JAE-YOUNG	2,892,106
III	2,917,560	HUGHSON, MATTHEW G.	2,880,373	LEE, JAE-YOUNG	2,892,107
GATEWAY PACKAGING		HUR, NAM-HO	2,882,456	LEYDER, SAMUEL	2,918,640
COMPANY	2,881,795	HUR, NAM-HO	2,882,459	LIM, BO-MI	2,892,100
GE ENERGY POWER		HUR, NAM-HO	2,892,100	LIM, BO-MI	2,892,106
CONVERSION		HUR, NAM-HO	2,892,106	LIM, BO-MI	2,892,107
TECHNOLOGY LTD	2,917,625	HUTAMA, TIM	2,892,107	LIM, MYUNG SECK	2,919,048
GENERAL ELECTRIC		IDRO, ISAAC	2,919,108	LINDBLAD, MARINA	2,919,224
COMPANY	2,917,560	IGNIS INNOVATION INC.	2,876,308	LINTON, PAUL	2,919,491
GENERAL ELECTRIC		IKONEN, ELIAS	2,880,718	LINZ, MARK EDWARD	2,917,560
COMPANY	2,918,912	INGRAM, REBECCA LEE	2,919,224	LIU, LEO	2,919,277
GENERAL ELECTRIC		INITLIVE INC.	2,918,714	LOGISTIK UNICORP INC.	2,919,104
COMPANY	2,918,913	INSTITUTO MEXICANO DEL	2,919,101	LU, WEIBING	2,880,646
GENERAL ELECTRIC		PETROLEO		LU, WEIBING	2,919,277
COMPANY	2,918,914	INTERNATIONAL MATERIAL	2,880,361	LUI, LEO	2,880,646
GENERAL ELECTRIC		RECOVERY INC.	2,880,625	MA, XINYU	2,918,075
COMPANY	2,918,917	JAN, FRANCIS G.	2,918,573	MABE, S. A. DE C.V.	2,918,918
GEOFF, GOMM	2,879,868	JEGLOKZ, TOBIAS	2,912,558	MAHARAJ, JOSEPHINE	2,879,788
GERVAIS, JOEL JOHN		JOSSE, JUAN CARLOS	2,918,772	MANOHARAN, SIVARAJAN	2,918,073
OCTAVE	2,912,896	JS PRODUCTS, INC.	2,892,453	MANTHEI, JOSHUA S.	2,919,149
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GIBSON, GRAHAM	2,919,108	KABUSHIKI KAISHA TOPCON	2,918,550	MARGOLLIET, PHILIPPE	2,917,432
GIELINGH, BOB	2,881,795	KABUSHIKI KAISHA TOPCON	2,918,552	MARIN CRUZ, JESUS	2,880,361
GINTHER, ROBERT	2,918,555	KALDSTROM, MATS	2,919,224	MARTEMIANOV SERGUEI	2,919,281
GIRARD, FRANCOIS	2,917,429	KARCHER NORTH AMERICA,		MARTIN, PETER	2,914,384
GIRARD, FRANCOIS	2,917,432	INC.	2,919,491	MARTINEX PALOU, RAFAEL	2,880,361
GIRARD, MICKAEL	2,918,522	KARVINEN, ESKO	2,919,220	MASON, JEFFREY LEE	2,918,913
GIROUX, ANDRE	2,880,471	KASSNEL-HENNBERG,		MAUFFREY, THIBAUT	2,917,625
GLAS TROSCHE HOLDING AG	2,918,653	BRUNO	2,918,653	MAUPAS-ODINOT, JEAN-	
GOODRICH CORPORATION	2,912,107	KATZ, MARCUS A.	2,917,330	BAPTISTE	2,919,214
GOPINATH, VIVEK	2,918,073	KAWANO, MASAMICHI	2,918,775	MCLANE, MARK	2,915,184
GORDIAN, SAGAR	2,918,758	KEEVEN, JAMES	2,912,001	MCWHINNEY, CHRISTOPHER	
GREMY, LUDOVIC PHILIPPE	2,919,214	KESHISHIAN, AFOU	2,919,330	M.	2,918,754
GRIT INC.	2,880,373	KIM, HEUNG-MOOK	2,882,456	MEEROV, ALEXEY	2,913,998
GRUNDKE, TIMO	2,917,397	KIM, HEUNG-MOOK	2,882,459	MEGANATHAN, DEEPAK	
GUL, MARVIN	2,879,868	KIM, HEUNG-MOOK	2,892,100	SUNDAR	2,918,073
GUYOT, OLIVIER	2,919,214	KIM, HEUNG-MOOK	2,892,106	MEGGITT	2,918,522
H2O GONE, LLC	2,919,282	KIM, HEUNG-MOOK	2,892,107	MERCHANT AMBASSADOR	
HAAAS, THOMAS	2,919,028	KING, LLOYD HERBERT, JR.	2,912,001	(HOLDINGS) LTD.	2,930,465
HAAAS, THOMAS	2,919,029	KIREMITCI, KIRKOR	2,919,371	MILDE, PAUL G.	2,919,092
HALES, ERIC	2,915,184	KJELLBERG-STIFTUNG	2,920,097	MILGARD MANUFACTURING	
HANAN, JAY CLARKE	2,918,903	KOCHI, NOBUO	2,917,397	INCORPORATED	2,918,916
HANLON, JARED	2,892,453	KRINK, VOLKER	2,918,552	MONTIEL SANCHEZ, LUISA	
HANNA, PETER	2,879,868	KROEHL, PAUL	2,918,792	ELENA	2,880,361
HANSEL, JAN-GERD	2,916,717	KUNEMAN, MICHAEL	2,918,916	MOORE, GEORGE ELLIOTT	2,918,913
HEBERT, JACKLIN	2,919,133	KWON, SUN-HYOUNG	2,882,456	MOORE, JEFFREY L.	2,918,026
HENRY, JAMES WAYNE	2,912,896	KWON, SUN-HYOUNG	2,882,459	MORAND, MICHEL	2,930,991
HERAEUS ELECTRO-NITE		KWON, SUN-HYOUNG	2,892,100	MORIN, FRANCOIS	2,919,176
INTERNATIONAL N.V.	2,912,033	KWON, SUN-HYOUNG	2,892,106	MYLLOJA, JUKKA	2,919,220
HERAEUS ELECTRO-NITE		KWON, SUN-HYOUNG	2,892,107	MYLLOJA, JUKKA	2,919,224
INTERNATIONAL N.V.	2,913,347	LA FRANCAISE DES JEUX	2,919,214	NAN YA PLASTICS	
HERAEUS ELECTRO-NITE		LAKEHEAD UNIVERSITY	2,915,644	CORPORATION	2,929,687
INTERNATIONAL N.V.	2,915,481	LANXESS DEUTSCHLAND		NELSON, ALFRED C.	2,918,026
HERAEUS MEDICAL GMBH	2,916,604	GMBH	2,916,717	NELSON, MICHAEL	2,919,284
HERR, STEFAN	2,918,917	LARSEN, GARRY C.	2,880,362	NEOPOST TECHNOLOGIES	2,919,350
HERRMANN, ROBERT	2,918,790	LATHROP, TODD MATTHEW	2,911,591	NESTE OYJ	2,919,220
HILLS, KAREN LEE	2,904,971	LAURISCH, FRANK	2,917,397	NESTE OYJ	2,919,224
HODGSON, STEPHEN S.	2,919,494	LAZELL, ALAN	2,919,635	NEWCO ENTERPRISES, INC.	2,919,031
HOLLINS, JAMIE LEE	2,880,538	LEBLANC, DENIS	2,895,732	NEYENS, GUIDO JACOBUS	2,912,033
HOLLINS, JONATHON GALE	2,880,538			NEYENS, GUIDO JACOBUS	2,913,347
HOMER TLC, INC.	2,919,284			NEYENS, GUIDO JACOBUS	2,915,481

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NOGOWSKI, RENE	2,917,397	SASAKI, DAISUKE	2,918,417	VALLART, JEAN-BAPTISTE	2,918,640
OLESCHUK, RICHARD D.	2,919,108	SASAKI, DAISUKE	2,918,550	VAN STRIEN, JOHN	2,880,625
OOTANI, HITOSHI	2,918,417	SASAKI, TAKESHI	2,918,417	VANHIEL, BRIAN	2,919,284
OOTANI, HITOSHI	2,918,550	SASAKI, TAKESHI	2,918,550	VEGA PAZ, ARACELI	2,880,361
OSARAGI, KAZUKI	2,918,550	SASAKI, TAKESHI	2,918,552	VILLA MELITTA GMBH	2,918,956
OVEISSI, FARSHAD	2,915,644	SAUNDERS, MEL VIN	2,918,916	VISHNYAKOVA, VALENTINA	2,916,445
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	2,913,568	SAWASKI, JOEL D.	2,918,026	VLAHAKIS, GEORGE S.	2,918,224
PAQUETTE, ALAIN	2,880,461	SCHLUMBERGER CANADA LIMITED	2,919,330	VOGT, SEBASTIAN	2,916,604
PAQUETTE, DENIS	2,880,461	SCHNEIDER, RANDY L.	2,918,026	WALDNER, JULIUS MICHAEL	2,918,956
PARK, SUNG-IK	2,882,456	SCHOFIELD, RONALD BRUCE	2,918,913	WALDNER, RUPERT	2,918,956
PARK, SUNG-IK	2,882,459	SCHOTT GEMTRON CORPORATION	2,918,790	WALKER, PHILLIP	2,879,868
PARK, SUNG-IK	2,892,100	SCHREDER	2,913,679	WANG, CHUANZHONG	2,880,646
PARK, SUNG-IK	2,892,106	SCHUMACHER, BENJAMIN JAMES	2,918,913	WANG, CHUANZHONG	2,919,277
PARK, SUNG-IK	2,892,107	SCHUMACHER, PAUL	2,919,282	WANG, KUEI-YUNG	2,929,687
PAULK, JOHN NORMAN	2,916,991	SELANTAUS, MAARIA	2,919,220	WANG-MUNSON, DAN	2,919,461
PAVER, STEPHEN J., JR.	2,918,623	SELANTAUS, MAARIA	2,919,224	WATERALL, GARY	2,880,390
PAVEY, MARK	2,930,465	SENSOR TECHNOLOGIES, LLC	2,919,110	WAVELIGHT GMBH	2,912,558
PEMCO MANUFACTURING COMPANY, INC.	2,919,343	SHAH, MILIN	2,919,526	WAVELIGHT GMBH	2,914,384
PERSECHINO, GIOVANNI	2,879,779	SHANKARSETTY, JEEVAN MADDUR	2,915,479	WEBSTER, JOSEPH P.	2,919,031
PF WATERWORKS LP	2,919,494	SHI, JUN	2,916,710	WEINBERGER, GERHARD	2,880,543
PFENNIGBAUER, MARTIN	2,918,919	SHING, LEUNG CHEONG	2,930,465	WEISER, SARAH ELIZABETH	2,918,714
PFIZER INC.	2,918,714	SHLER, CHRISTOF MARTIN	2,918,912	WELCH, JAMES B.	2,919,499
PILLOLA, RAMI	2,919,220	SINGH, GAGANDEEP	2,880,538	WITTPAHL, MICHAEL	2,916,717
PILLOLA, RAMI	2,919,224	SIPPEL, AARON D.	2,916,710	WOLFE, JERRY J., JR.	2,918,420
PILZ, DONALD ANTHONY	2,919,348	SMALLS, DAMOND MAURICE	2,919,343	WOLVERINE WORLD WIDE, INC.	2,919,635
PINARD, DEBBIE	2,919,101	SOUCY INTERNATIONAL INC.	2,919,276	WON, PU SONG	2,919,048
PINARD, MELISSA	2,919,101	SPIVO INC.	2,919,172	WONG, WAI HANG	2,919,493
PLUMMER, DANA SEAN	2,919,491	STARMARK PET PRODUCTS, INC.	2,918,420	YAMAGUCHI, KAZUHIKO	2,913,568
POPOVICH, BERT	2,911,591	STEVENS, FRANK	2,912,033	YOKOMITSU, YASUSHI	2,913,568
POWELL, PETER O.	2,919,350	STEVENS, FRANK	2,913,347	YOON, HEE SUN	2,919,048
PRICE, DAVID	2,918,712	STEVENS, FRANK	2,915,481	ZAMANZADEH, SAMAN	2,879,868
PRINCE, BROCK	2,913,998	SVENSON, JULIAN MICHAEL	2,880,370	ZHANG, KEWEI	2,880,646
PROVENCHER, KAREN	2,919,276	TAGAWA, HARUO	2,913,568	ZHANG, KEWEI	2,919,277
PYDE, DONALD C.	2,919,499	TAHERI, SETAREH	2,918,640		
QUEEN'S UNIVERSITY AT KINGSTON	2,919,108	TANABIKI, RYOKO	2,913,568		
QUEJAKE, LUIS MANUEL	2,880,361	TEBBE, HEIKO	2,916,717		
RAB LIGHTING INC.	2,919,461	TENCA, PIERLUIGI	2,918,912		
RAY, SETH MICHAEL	2,918,913	THE BOEING COMPANY	2,904,971		
REINHART, NICKOLAS	2,918,977	THE BOEING COMPANY	2,913,998		
REINHART, NICKOLAS	2,919,207	THE PATENT STORE, LLC	2,912,001		
REN, GUOPENG	2,918,075	THORPE, DAVID	2,919,635		
RIDDELL, SCOTT GABELL	2,918,917	THYS, MICHEL	2,912,033		
RIEGL LASER MEASUREMENT SYSTEMS GMBH	2,918,919	THYS, MICHEL	2,913,347		
RIEGL, JOHANNES	2,918,919	THYS, MICHEL	2,915,481		
RIEGL, URSULA	2,918,919	TIEPELMAN, ROBERT	2,881,795		
ROLLS-ROYCE CORPORATION	2,916,710	TOBIN, JAMES ROBERT	2,918,917		
RONDI INDUSTRIES INC.	2,919,176	TOMELLERI, CHRISTOPHER	2,918,956		
ROSETTA HARDSCAPES, LLC	2,919,149	TREINEN, MATTHEW ROMAN	2,913,998		
ROSS, STEVEN ALAN	2,917,560	TRICAN WELL SERVICE LTD.	2,880,646		
ROUSH, MICHAEL	2,919,526	TRICAN WELL SERVICE LTD.	2,919,277		
ROY, NORMAND	2,919,276	TRINITY HIGHWAY PRODUCTS, LLC	2,919,499		
ROY, TOMMY	2,919,276	TURCOTTE, REMI	2,905,562		
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HELPERBY THERAPEUTICS LIMITED	2,936,714	INEOS EUROPE AG	2,936,812	KAstrup, CHRISTIAN	2,937,049
HERMAN, CHRISTOPHER J.	2,936,844	INFORMATION PLANNING AND MANAGEMENT SERVICE INC.	2,936,811	KATAOKA, KAZUNORI	2,937,034
HERSHEY, BRADLEY L.	2,937,081	INFORMATION PLANNING & MANAGEMENT SERVICE INC.	2,936,971	KATHOLIEKE UNIVERSITEIT LEUVEN, K. U. LEUVEN R&D	2,937,058
HETZER, TOBIAS	2,937,055	INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE	2,937,079	KATO, YASUKI	2,937,034
HEUBACH, KLAUS	2,936,935	INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)	2,936,874	KELLY, STEVEN JOHN	2,934,573
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LEE, SANGHYUN	2,937,163	LYON, TYLER	2,937,164	MEDCON BIODESIGN, INC.	2,937,148
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MONDELLI, MARIO	2,936,877	NIPPON STEEL & SUMITOMO METAL CORPORATION	2,937,139	PARRENT, GHI SLAIN	2,936,931
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BONK, PETER	2,936,497	EVANS, STEPHEN C.	2,935,859	KATO, YOSHINOBU	2,935,853
BONTU, CHANDRA SEKHAR	2,935,528	FACEBOOK, INC.	2,936,294	KAZUI, KIMHIKO	2,935,336
BRAHMBHATT, HIMANSHU	2,933,978	FARRELL, MARK EDWARD	2,936,309	KELLY, BRIAN	2,936,532
BRAUN, PHILLIP MAURICE	2,936,309	FONG, PHILIP	2,935,223	KIM, CHARLES D.	2,936,271
BROCHU, CHRISTIAN	2,934,395	FORBES, JAMES W.	2,933,228	KIM, CHARLES D.	2,936,492
BROCKMAN, ROBERT T.	2,915,369	FORSTALL, SCOTT	2,935,875	KLOX TECHNOLOGIES INC.	2,936,527
BROCKMAN, ROBERT T.	2,915,380	FRAZIER, W. LYNN	2,935,508	KNIGHT, BYRON J.	2,936,223
BROTHER KOGYO		FUJITSU LIMITED	2,935,336	KOGANOV, MICHAEL	2,936,629
KABUSHIKI KAISHA	2,936,621	FURLONG, COSME	2,935,859	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,936,634
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BUSE, DAVID	2,936,223	GARDNER, DONALD S.	2,936,222	KOYAMA, JUNPEI	2,935,336
CAI, ZHIJUN	2,935,528	GECKO ALLIANCE GROUP INC.	2,934,395	LAFLAMME, BENOIT	2,934,395
CALLEGARI, ANDRES C.	2,936,404	GEN-PROBE INCORPORATED	2,936,223	LANCASTER, THOMAS M.	2,932,926
CALLEGARI, ANDRES C.	2,936,413	GEORGIA-PACIFIC		LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY	2,936,404
CANON KABUSHIKI KAISHA	2,934,157	CONSUMER PRODUCTS LP	2,936,264	LANDMARK GRAPHICS CORPORATION, A HALLIBURTON COMPANY	2,936,413
CAPRIOTTI, JOSEPH A.	2,935,366	GERG, JAMES	2,936,454	LAVALLE, JOSEPH LEO CLAUDE MARIO	2,936,218
CARSON, ERIC WILLIAM	2,936,215	GLAXOSMITHKLINE		LEON, LUIS R.	2,935,845
CIADANI, KAZUO	2,934,157	INTELLECTUAL PROPERTY LIMITED	2,934,402	LIANG, BO	2,935,366
CHAUDHRI, IMRAN	2,935,875	GRADE SEPARATION SYSTEMS INC.	2,936,215	LOUPIS, NIKOLAOS	2,936,527
CHHEMBURKAR, SANJAY	2,936,497	GROELI, JULIAN	2,936,223	LOVELAND, DAMIEN	2,936,634
CHEN, RONG	2,936,222	GROGAN, THOMAS	2,936,532	MACDIARMID, JENNIFER	2,933,978
CHEN, YONG	2,936,497	GUSTAFSON, JOHN L.	2,936,222	MAGNUM OIL TOOLS INTERNATIONAL, LTD.	2,935,508
CHENVAINU, ALEXANDER TIMOTHY	2,936,309	HALLIBURTON ENERGY DEVICES, INC.	2,936,908	MARCOS, PAUL D.	2,935,875
CHRISTIANSON, JOHN	2,936,271	HANNAH, ERIC C.	2,936,222	MARCOUX, MICHAEL W.	2,935,859
CHRISTIANSON, JOHN	2,936,492	HASHIMOTO, KOJI	2,934,157	MARTY, GARY R.	2,933,836
CHRISTIE, GREG	2,935,875	HAYASHI, RYOSUKE	2,935,853	MARY KAY, INC.	2,936,822
CLANCY, PAUL	2,936,362	HAZENBERG, JAN GEERT	2,936,362	MATAS, MICHAEL	2,935,875
CLS PHARMACEUTICALS, INC.	2,935,366	HEMATIAN, JAMAL	2,933,228	MCMAHON, WILLIAM F.	2,935,978
COLEMAN, GARY W.	2,935,845	HEROUX, ROBERT	2,936,218	MILWAUKEE ELECTRIC TOOL CORPORATION	2,936,271
COMBS, MARY JANE	2,936,629	HILSCHER, ALEXANDER	2,936,309	MILWAUKEE ELECTRIC TOOL CORPORATION	2,936,492
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DAVIDSON, ALAN HORNSBY	2,934,402	HSIAO, CHI-NUNG	2,936,497	MORAND, MICHEL	2,936,414
DAVIES, STEPHEN JOHN	2,934,402	HULF, TOBY	2,933,978		
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MORRISON, LARRY	2,936,532	TRAWINSKI, PETER HANS	
MUNICH, MARIO E.	2,935,223	ROLF	2,936,309
MURPHY, ROBERT J.	2,936,908	TRIESENBERG, THOMAS H.	2,936,289
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